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METEOROLOGICAL DEPARTMENT

INDIA WEATHER REVIEW

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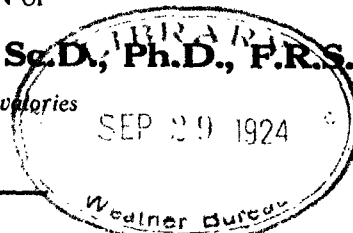
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Published by Authority of the Government of India

UNDER THE DIRECTION OF

GILBERT T. WALKER, C.S.I., Sc.D., Ph.D., F.R.S.,

Director General of Observatories



CALCUTTA

SUPERINTENDENT GOVERNMENT PRINTING, INDIA

1924

National Oceanic and Atmospheric Administration

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GOVERNMENT OF INDIA

India, METEOROLOGICAL DEPARTMENT

INDIA WEATHER REVIEW

FOR THE YEAR

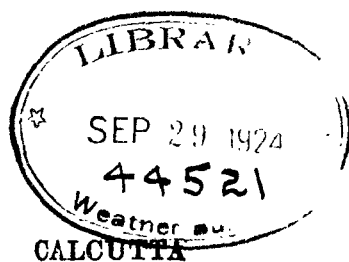
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INDIA WEATHER REVIEW, 1922.

INTRODUCTION.

THE present account of the meteorology of 1922 is intended primarily for scientific reference; for those needing prompt information the Annual Supplement to the Indian Daily Weather Report was issued on January 17, 1923.

This Review is based on observations taken daily at 8 hrs. at 214 stations and on additional observations taken at 10 hrs. and 16 hrs. at 12 stations. In the rainfall summary have been utilised the data of some 2,900 stations published by the Provincial Governments.

The Monthly Weather Reviews were discontinued from January 1921 and consequently the present Annual Review is like the Review for last year enlarged to contain all the important monthly data. From January 1923 onwards the Monthly Weather Report takes the place of the Monthly Weather Review, and contains the monthly means of observations appearing in the Indian Daily Weather Reports. The remaining monthly data will appear in the Annual Review for 1923.

The brief notes on solar, magnetic and seismic observations are supplied by the chief observatories in the Indian area.

For meteorological purposes the following system of territorial divisions has been in use since 1st April 1912 :—

Chief political divisions.	Sub-divisions.
	Bay Islands.
Burma	{ Lower Burma.
	{ Upper Burma.
Assam	Assam.
Bengal	Bengal.
	Orissa.
Bihar and Orissa	{ Chota Nagpur.
	{ Bihar.
	United Provinces, East.
United Provinces	{ United Provinces, West.
	Punjab, East and North.
Punjab	{ Punjab, Southwest.
	North-West Frontier Province.
North-West Frontier Province	{ Baluchistan.

Chief political divisions.	Sub-divisions.
Sind	Sind.
Rajputana	{ Rajputana, West.
	{ Rajputana, East.
	Gujarat.
Bombay	{ Konkan.
	{ Bombay Deccan.
	Central India, West.
Central India	{ Central India, East.
	Berar.
Central Provinces	{ Central Provinces, West.
	{ Central Provinces, East.
Hyderabad	{ Hyderabad, North.
	{ Hyderabad, South.
Mysore	Mysore.
	Malabar.
	Madras, Southeast.
Madras	{ Madras Deccan.
	{ Madras Coast, North.

In most of the observing stations in India mercurial barometers on Fortin's principle of fiducial point adjustment, with tubes of 0.4" bore throughout, have always been in use. But of late years there has been an increasing number of barometers on the Kew principle, which has its scale divided to compensate for the change of level of the mercury in the cistern as the pressure alters.

The following list contains the names of all stations equipped with instruments of the latter class :—

Aden	Gangtok	Noakhali
Akyab	Gopalpur	Nowgong
Amini Devi	Gorakhpur	Rangoon
Barisal	Jalpaiguri	Ratnagiri
Bhamo	Kyaukpada	Saugor, C. P.
Bushire	Mangalore	Tavoy
Cochin	Midnapore	Toungoo
Cox's Bazar	Minbu	Victoria Point
Cuddapah	Monywa	Yamethin
Delhi	Mymensingh	Zanzibar
Dinajpur	Nagapattam	

The instruments at the following stations are by various makers and of various kinds :—

Colombo	Katmandu	Panigur
Dalbandin	Kurnool	Trincornalee
Fort Sandeman	Lyallpur	Trivandrum
Kalat	Patiala	

At Calcutta and Bombay the standards are Newman instruments on the Fortin principle, with adjustable scales and fiducial points, and tubes of large bore.

All instruments are compared at Calcutta before issue, and their corrections determined to the Calcutta standard, which was until 1910, .011" higher than the Kew standard. The present difference is probably less than this, but the determination of the exact amount is a matter of considerable difficulty (see the Departmental Memoirs, Vol. XXI, pp. 127-8, 1916).

The barometers are in all cases situated in masonry buildings to protect them as much as possible from rapid changes of temperature.

The heights above mean sea level of the barometers are given in Table A and in the January Table B. Those heights which have been obtained accurately by actual measurement, are given in ordinary type. In the great majority of cases they have been referred to datum levels determined by the Great Trigonometrical Survey of India; of the remaining stations those heights which have been determined barometrically are printed in italics.

The readings of the barometers are reduced to 32° F, and from 1st January 1905 have been corrected to standard gravity in all cases.

In Table B, under the general heading "Pressure," are given for each station the mean 8 hrs. pressure reduced to 32° F and standard gravity, and its departure from the normal mean pressure of the month.

In Table A, under the general heading "Pressure," are given for all stations recording observations at 10 hrs. and 16 hrs.—

- (1) The monthly means of the two hours of observation at 10 hrs. and 16 hrs. reduced to 32° F and standard gravity.
- (2) The mean daily range.
- (3) The mean of daily mean pressure reduced to 32° F and standard gravity and its departure from the normal.

The means of daily pressures in Table A have been obtained by taking the means of the 10 hrs. and 16 hrs. observations and applying corrections for each month, derived from a series of hourly observations recorded at the same or neighbouring stations, to give true daily means.

The greater part of the normal 8 hrs. daily and monthly means of pressure utilized in Table B have been deduced from the barometric observations of the whole of the twenty-two years period 1889-1910, and in all except 24 cases the periods employed equalled or exceeded five years.

The monthly means employed in the determination of the departures of the mean actual from the mean normal pressure of the month given in Table A are derived from all the available trustworthy pressure data down to 1899 for

each station. These normal means are given in the "Indian Meteorological Memoirs," Volume XVII, pages 66 to 69.

The more important barometric changes and movements are described in the statement of depressions and cyclonic storms. The data that are chiefly used in that discussion are the 8 hrs. reduced observations and the departures derived from comparison of these observations with the normal daily 8 hrs. values.

The method of exposing thermometers will be found fully described in the Instructions to Observers of the India Meteorological Department or briefly in the Annual Report on the Meteorology of India for the year 1887, page 37. All thermometers in use have been verified by comparison with Kew standard thermometers at Calcutta and are re-standardised from time to time; all thermometer readings are corrected to their true values, and hence are strictly comparable.

The mean temperature data are given in Tables B and C under the heading "Temperature." They are based upon observations of the dry bulb and wet bulb thermometers recorded at 8 hrs., and of the maximum and minimum thermometers. In the great majority of cases the normals of maximum and minimum temperature for the stations in Table B are derived from the data of the 33 years, 1878-1910; in the case of some of the most recently started observatories the period is shorter, but it is never less than five years. The normals are given in the "Indian Meteorological Memoirs," Volume XXII, Part III, pages 426-457.

In Table A under the heading "Temperature of air" are given the mean data based upon the observations of the maximum and minimum thermometers and of the dry bulb thermometer at 10 hrs. and 16 hrs.

The mean of daily mean temperatures for each month given in this table is obtained by taking the mean of the maximum and minimum temperatures and applying a correction given on pages XV to XXI of Volume XVII of the "Indian Meteorological Memoirs." This correction was determined from the hourly observation data given in Volumes V, IX and X of the "Indian Meteorological Memoirs." The data at once furnish the necessary corrections for the stations at which these observations were recorded. At the remaining stations the corrections were determined from the values at the nearest stations with similar conditions of exposure, etc., at which the hourly observations were recorded.

The departures from normal of the mean daily mean temperature of the month have been obtained by a comparison of the actual means with normal means given in the "Indian Meteorological Memoirs," Volume XVII, pages 16 to 20.

Under the heading "Temperature, Wet Bulb" are given the mean data based upon observations of the wet minimum thermometer, and of the wet-bulb thermometer at 10 hrs. and 16 hrs.

The maximum and minimum temperature data of the second class observatories given in Table B, occasionally differ to some slight extent from the corresponding means in Table A. The chief reason for this is that in Table B the daily or 24-hour period is assumed to end at 8 hrs. and in Table A at midnight (except for rainfall the period of which

ends at 8 hrs.), and hence the maximum temperature in Table B for any month of 31 days at any station gives the mean for 31 periods of 24 hours ending at 8 hrs. of the 31st and in Table A for the same number of 24-hour periods ending at midnight on the 31st, and virtually therefore of a monthly period one day in advance of the former. Similarly for months of 28, 29 or 30 days.

Observations of terrestrial radiation thermometers, which are, as a rule, not very reliable, were recorded during the year 1922 at Calcutta, Lahore, Srinagar and Bombay. The mean data based on these observations are given in Table A under the heading "Nocturnal radiation temperature": the first column gives the mean temperature observed, the second column the mean of the daily depression of this temperature below the air minimum and the third column the departure from normal of the latter. The normals are based on about 45 years' data except at Srinagar where the records extend over 28 years.

Observations of the temperature of the surface of the ground were recorded during the year 1922 at four stations, Lahore, Jaipur, Calcutta (Alipore) and Bombay; and of the temperature underground at Bombay only.

The thermometers used for the purpose are verified standard mercurial thermometers with attached scales of porcelain, the scale being engraved also on the tube.

At Lahore the surface thermometer is read four times daily; at Jaipur at 10 and 16 hrs., and at Calcutta at 13 hrs. 45 mins. At Bombay the two nearest to the surface are read five times a day, the deeper instruments being read once only.

The thermometers below the surface have their bulbs protected with pointed copper shoes which rest on the ground at the bottom of a wooden tube, inserted to the specified depth and projecting six inches above the surface, the upper ends being closed by a cap of metal or wood.

An analysis of underground temperature observations by Mr. R. Ll. Jones (Meteorological Memoirs, Volume XV, Part III) led to inconsistent results due probably to irregularities from percolation of rainfall as well as to imperfections in the mode of measurement. Hence the departures from the averages of past years are given as more likely to give indications of value than the actual temperatures recorded. The number of years included in the averages in the different cases lies between 34 and 40.

The wind data consisting of observations of the direction of the wind at 8 hrs. and of the mean hourly air movement as registered by Robinson anemometers during the 24 hours ending at 8 hrs. are given in Tables B and C under the headings "Resultant direction" and "Mean velocity miles per hour." The resultant is calculated in all cases by the use of Lambert's formula in which equal values are given to each wind observation irrespective of velocity.

In Table A the wind data are given in greater detail. Under the heading "Wind direction" are shown the number of times that each of eight wind directions was observed at the hours of record, and the direction of the resultant of winds of unit strength in these directions. The mean diurnal move-

ment of the air at each station and its departure from normal are to be found under the heading "Wind velocity."

The figures of the normal values for wind used in Table A are computed from all available data previous to 1899, or in some cases 1902, and have been published in Volume XVII of the "Indian Meteorological Memoirs."

All anemometers used in India are compared before issue with the standard Beckley anemograph at the Alipore Observatory, but, as only the instruments with small corrections are issued, no correction has been applied to the values given in Tables A, B and C.

Up to 1911 the factor representing the ratio of air movement to travel of Beckley cups had, in India, as in other countries, been taken at 3.0; but as in that year it had been generally accepted that the factor should be 2.2, the change to 2.2 was made in the Monthly Weather Review of January 1912 (see note on page 8 there).

Observations of the velocity and direction of winds in the upper air are made at a few stations in India. The results are based upon observations of balloons by a single theodolite, heights being determined by the tail method; details of the method will be published in a separate memoir. The results obtained up to the end of 1919 have been published in Vol. XXIII, Part III. The results for 1918 and 1919 are also given in the Annual Summary for 1918 and the Monthly Weather Reviews for 1919. The results for 1920 appear in the Monthly Weather Reviews for that year and those for 1921 in the Annual Summary for 1921.

At the beginning of the year 1922 upper air observations were made at the eight stations, Agra, Simla, Lahore, Bangalore, Akyab, Calcutta, Quetta and Peshawar; after the month of April observations were discontinued at Peshawar, but were continued at the remaining seven stations throughout the year.

The hygrometric data in Table A are based upon observations of the dry bulb and wet bulb thermometers at 10 and 16 hrs. and of the dry and wet minimum thermometers; while in Tables B and C they are based upon observations of the dry and wet bulb thermometers at 8 hrs. They are taken from the departmental "Tables for the reduction of meteorological observations."

The means of daily means in Table A are obtained by taking the means of the minimum, 10 hrs. and 16 hrs. observations and reducing them to true means, by applying, in case of vapour tension, the corrections given on pages 38 to 42, and in case of humidity the corrections given on pages 44 to 48 of Volume XVII of the "Indian Meteorological Memoirs." These corrections were determined from the hourly observation data given in Volumes V, IX and X of the "Indian Meteorological Memoirs." The normal values, which have been used for obtaining the departures, are the means calculated in the same way.

The proportion of cloud is estimated in tenths of the sky expanse, an overcast sky being denoted by 10 and a cloudless sky by 0. The monthly means in Table A are the arithmetical means of the cloud amounts at 10 hrs. and 16 hrs., and hence represent the mean amount during the day period

rather than of the whole 24 hours. The normal means, with which the actual monthly means are compared, are derived from the available cloud data for the same hours up to the end of the year 1899 and are given in Tables XXXV and XXXVI of the Indian Meteorological Memoirs, Volume XVII.

Symon's rain-gauges are now used at all rain-gauge stations with the exception of those in Mysore. The time of measuring rainfall is 8 hrs. by local time throughout India, and the amounts registered give the rainfall of the previous 24 hours, and hence generally of the previous civil day.

The rainfall data for each province are generally tabulated in the office of the local meteorologist, Director of Land Records, or other officer in the province, and published in the provincial gazettes. The data of Baluchistan, Kashmir, Rajputana, the North-West Frontier Province and Central India are however published by the Simla Meteorological Office.

These provincial tables are collected together and are issued annually in a separate volume entitled "Rainfall of India." The thirty second volume, that of 1922, contains the whole rainfall data of more than 2,900 stations.

The rainfall observations at the meteorological observatories are given in Tables A, B and C under the heading rain-

fall and in Table D. The information given there includes the total rainfall of the month and the total number of rainy days in the month with their departures from normal, and the heaviest rainfall in 24 hours during the month. The normals of rainfall and rainy days in these tables are based on all available records ending with 1915. It should be noted that a "rainy day" is one on which 0.10 inch or more of rain is received within the 24 hours ending at 8 hrs.

Table A contains the monthly and annual means of 10 hrs. and 16 hrs. observations recorded at 12 stations in India and the Indian Ocean. Table B gives for each month and the year the means of 8 hrs. observations recorded at 214 stations in India and the neighbouring countries. Table C similarly gives for each month and the year the means of 8 hrs. observations recorded at 31 fourth class observatories. Table D gives the monthly and annual data of rainfall at 32 fifth class observatories.

The climatic tables of Kodaikanal and Madras which used to appear in the Annual Administration Report of the Director of the Kodaikanal and Madras observatories are given in the Appendix.

Annual Summary.

The retreating monsoon of the previous year persisted in the south of the Bay till the middle of February causing a large excess of rainfall in the peninsula and the central parts of the country during the cold weather period; on the other hand the usual western disturbances of this period gave more rain in the United Provinces and north-east India than in north-west India in January, while in February they failed to give any appreciable rain in the plains. In the hot weather period weather was unusually dry in northern and central India: the western disturbances although numerous gave no rain, and at the same time retarded the development of the usual thunderstorms of the season. In Lower Burma and the south of the Peninsula, there were frequent thunderstorms in March; and in April a storm from the Bay gave very heavy rain in Burma between the 21st and 24th. In May temporary advances of the monsoon gave heavier rain than usual in the south of the Peninsula and on the Burma coast.

Both the branches of the monsoon arrived at the close of May and extended rapidly over the greater part of the country. After a temporary weakening the monsoon strengthened about the middle of June, and till the end of July it

was mainly directed to north-east India, the United Provinces and the central parts of the country. In the Peninsula, excluding the west coast, it was weak in both these months, while in north-west India a fairly vigorous monsoon prevailed in the second fortnight of July. In the first half of August the monsoon was generally weak and a break prevailed over nearly the whole country between the 9th and 14th; but during the rest of the month it was fairly active throughout. In September the monsoon was vigorous in northern and central India, and unusually weak in the Peninsula. Taking the period June to September as a whole, the monsoon was very weak in Mysore and the Deccan plateau, but stronger than usual in the United Provinces and north-east India.

The main features of the weather of the period October to December were an early retreat of the monsoon from north-east India and its vigorous activity in the south and centre of the Bay; five storms appeared in the Bay in these months and aided the monsoon in giving much heavier rain than usual in Burma and the Peninsula. The winter disturbances of December in northern India gave rain in the plains at a much earlier date than usual.

Pressure.

In January pressure was in slight excess in north-west India and in slight defect in Lower Burma, the Andaman Sea and the Konkan. Averaged over the plains it was roughly normal. The deficiency in the above areas persisted during February: the low pressure in Lower Burma and the

Andaman Sea extended into north-east India, and that in the Konkan spread along the whole of the west coast. Elsewhere pressure was roughly normal. In March pressure was below normal generally in northern India, and about normal in the Peninsula. In April on the other hand pressure was higher

than usual in the Punjab and along the northwest frontier, but below normal near the Andamans. Pressure in May was above normal over the greater part of north-west India, while the greatest deficiency occurred in north Burma. In June pressure was below normal in north-west India, north-east India and Upper Burma, with a region of relatively smaller deficiency over the United Provinces; in the Peninsula pressure was normal. In July the monsoon trough of low pressure was well away from the hills and extended from the north of the Bay through Orissa, Central India and the north of the Central Provinces into east Rajputana; pressure was also below normal in the Punjab and the North-West Frontier Province. In August on the other hand the monsoon trough was closer to the hills. Pressure was generally in defect in northern India, the departures decreasing from the foot of the hills southwards; the deficiency was greatest in

the Punjab, the North-West Frontier Province and Assam. The monsoon trough had again receded from the hills in September; pressure departures were greatest in the north of the Peninsula and the central parts of the country. In October pressure was above normal throughout, and the departure exceeded $+0.4$ " over a large part of the country. In the next month it was roughly normal in northern India, but was generally below normal elsewhere, the deficiency being greatest in south-east Madras and the Andaman Sea. The low pressures in the Andaman Sea persisted during December and spread over the greater part of Burma; but elsewhere conditions were the reverse of November, pressure being normal or in slight excess in the Peninsula and in slight defect generally in northern India.

TABLE 1.—Departure of the mean monthly and annual pressure from the normal in the fifteen chief political divisions of India in 1922.

Division.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
Burma	—018	—024	—018	+002	—007	—022	—018	—048	—026	+020	—016	—024	—017
Assam	+007	—031	—029	—005	—003	—039	—016	—056	—006	+028	—010	—013	—014
Bengal	—002	—023	—026	—003	+009	—036	—023	—049	—026	+035	—004	—013	—013
Bihar and Orissa	+004	—014	—025	0	+006	—024	—023	—037	—033	+045	—002	—011	—010
United Provinces	+008	—010	—022	+011	+009	—012	—015	—034	—018	+044	+011	—010	—003
Punjab	+018	—003	—025	+029	+029	—027	—028	—059	—019	+040	+007	—016	—005
North-West Frontier Province	+041	+001	—016	+041	+044	—039	—034	—067	—011	+057	+014	—005	+002
Sind	+022	—007	—006	+015	+032	—032	—015	—046	—025	+041	+001	—012	—003
Rajputana	+007	—010	—015	+021	+022	—025	—021	—029	—031	+031	—002	—013	—005
Bombay	—004	—014	+005	—001	+005	—017	—004	—019	—023	+032	—022	+009	—004
Central India	+003	—014	—011	+008	+010	—020	—023	—026	—035	+036	—004	—009	—007
Central Provinces	+003	0	—009	+006	+006	—018	—023	—017	—039	+036	—020	—008	—007
Hyderabad	—001	+005	+003	+011	+004	—007	+001	—008	—016	+043	—029	+002	+001
Mysore	—003	—009	+001	+001	—007	—003	+007	—012	—012	+022	—033	+007	—003
Madras	—008	—008	—002	+001	—001	—009	+002	—016	—017	+027	—034	+013	—004
MEAN OF INDIA	+001	—012	—013	+008	+008	—021	—016	—034	—024	+034	—011	—008	—007

Depressions and cyclonic storms:

1. *Severe storm of 18th to 25th April in the Arabian Sea.*—There was a strong advance of the monsoon in the Indian seas about the middle of April, and the log of the S.S. *John Sanderson* bound from Mauritius to Bombay gives an idea of the weather between Mauritius and Minicoy at that period. She left Mauritius on the 8th, and till midnight of the 12th,

when she was near 8° S, she experienced moderate to strong southerly winds with moderate to high seas; thereafter she reported moderate to strong westerly winds with rough to high seas and occasional rain squalls. At 20 hrs. of the 14th, when she was near $3\frac{1}{2}^{\circ}$ S, $60\frac{1}{2}^{\circ}$ E, she had winds of storm force from WNW and at 2215 she experienced squalls

of hurricane force from W ; the wind continued high throughout the night with high rough seas and heavy rain squalls. In the next two days she experienced rough seas and occasional squalls ; and in the afternoon of the 16th, when she was near the equator in longitude 64° E, the wind again increased in force. On the 17th, noon position $1\frac{1}{2}^{\circ}$ N, $66\frac{1}{2}^{\circ}$ E, she experienced a strong to high wind rising to a gale at 16 hrs., rough to high seas, squalls and heavy rain, the wind direction being generally westerly and backing to SW during the gale.

This advance of the monsoon gave rise to a storm in the Bay and another in the Arabian Sea. The latter throughout its life remained far from any coast and the available data from ships do not enable its track to be determined with certainty. An account of this storm has appeared in the Monthly Meteorological Charts of the East Indian Seas for April 1923, published by the London Meteorological Office, and the logs of steamers given there have along with the observations at Amini Divi and Minicoy, and of the S. S. *John Sanderson*, formed the basis for the determination of its track.

It appears from these that the storm had definitely formed on the morning of the 18th with centre near 9° N, 68° E. In the next two days the storm appears to have moved slowly to east-north-east, the centre being near 9° N, 69° E on the 19th, and near $9\frac{1}{2}^{\circ}$ N, 70° E on the 20th. Then it began to curve north and north-west, and as usual during recurvature it slowed down, the centre being near $10\frac{1}{2}^{\circ}$ N, 70° E on the 22nd. On the morning of the 23rd the centre lay near $11\frac{1}{2}^{\circ}$ N, $69\frac{1}{2}^{\circ}$ E, and next day in about $12\frac{1}{2}^{\circ}$ N, 68° E. It was slowly weakening on these two days, and on the morning of the 25th it lay near 13° N, $67\frac{1}{2}^{\circ}$ E, and disappeared during the day.

The table below contains a list of steamers, which were in the neighbourhood of the storm between the 18th and 25th, with brief remarks on the weather experienced by each. For information in greater detail reference may be made to the Monthly Meteorological Charts of the East Indian Seas for April 1923.

Weather experienced.

Malakuta	Strong gale with squalls of hurricane force and high confused sea ; at midnight whole gale with terrific squalls.
John Sanderson ($5^{\circ}-20'$ N, $69^{\circ}-58'$ E)	High wind to gale, W to WSW ; very high sea, fine and clear.
Minicoy	Moderate SW breeze, cloudy.
Amini Divi	Light breeze, c. u. p. l. t.

April 20th.

Nyanza	The wind dropped from moderate gale to fresh breeze by midnight ; heavy swell from WNW.
Malancha	Wind veering and decreasing to force 6 at 20 hrs.
Malakuta	Strong gale with dangerous seas till 8 hrs. then decreased to a fresh gale and by midnight to a moderate gale with heavy sea.
Warwickshire ($7^{\circ}-51'$ N, $74^{\circ}-08'$ E at noon)	Winds of gale force with squalls and increasing swell.
Trieste ($9^{\circ}-02'$ N, $66^{\circ}-44'$ E at noon)	Wind NW, force 7, at noon ; backing to WNW, 8, at 20 hrs.
Katori Maru (9° N, $71^{\circ}-15'$ E at 6 hrs.)	Wind SW, force 10, at 6 hrs. ; continued whole gale from SW during the day. At midnight in 9° N, $69^{\circ}-55'$ E wind W, force 12, with heavy rain and precipitous sea.
John Sanderson ($6^{\circ}-37'$ N, $7^{\circ}-14'$ E)	WSW to W/S winds of force 8 to 9, tremendous confused sea, fine and clear.
Minicoy	Moderate SW breeze, moderately heavy rain.
Amini Divi	Strong wind and high sea, c. u. g. d.

April 21st.

Katori Maru	At 0 hr. 30 minutes wind ceased and there was lightning ; at 1 hr., 9° N, $69^{\circ}-50'$ E, wind N, force 11, barometer 28.83.
Khyber	A fresh gale W/N to W/S from 8 to 10 hrs., by midnight backed to SSW, a fresh breeze
Warwickshire	Wind WSW, whole gale at 8 hrs. ; WSW, force 10, at midnight with barometer lowest, 29.50 ; o. q. r. was logged every watch.
Trieste ($8^{\circ}-23'$ N, $70^{\circ}-48'$ E at noon)	Wind WNW, force 9, at noon ; W, a fresh gale at 16 hrs. ; then moderated.
Gleniffer ($8^{\circ}-23'$ N, $71^{\circ}-20'$ E at noon)	Wind, gale force, with continuous heavy rain between 4 hrs. and noon.
John Sanderson ($6^{\circ}-24'$ N, $69^{\circ}-26'$ E)	West winds, force 7/8 ; tremendous confused sea, fine and clear.
Minicoy	Moderate breeze.
Amini Divi	Strong wind and high sea, c. u. p.

April 22nd

Orsova ($8^{\circ}-41'$ N, $69^{\circ}-43'$ E at 6 hrs.)	Barometer lowest at 6 hrs., 29.58. Wind W, force 7 ; by 16 hrs. only force 4. Moderate to heavy confused swell during the day.
Warwickshire	Wind continued a whole gale, SW to WSW, moderating to a fresh gale W/N at noon and a strong breeze W/N at 20 hrs.
John Sanderson ($7^{\circ}-07'$ N, $68^{\circ}-37'$ E)	Strong to high wind ; tremendous sea in the forenoon and rough seas in the afternoon ; heavy rain squalls at 8 hrs.
Minicoy	Moderate breeze drizzling rain.

April 18th.

Weather experienced.

Nyanza (near Minicoy at 2 hrs.)	Winds of force 7 at 20 hrs. rising to 10 by midnight.
Malakuta ($8^{\circ}-47'$ N, $70^{\circ}-23'$ E at noon)	A strong WSW gale with terrific squalls and high cross sea at midnight.
John Sanderson ($3^{\circ}-31'$ N, $67^{\circ}-55'$ E)	Strong to high W/N wind, but fine weather.
Minicoy	Moderate SSE wind at 8 hrs., cloudy, but no rain.
Amini Divi	Light SE breeze ; c. u. p. l. t.

April 19th.

Nyanza	Winds of force 9 to 10 from noon to midnight with occasional squalls of hurricane force.
Malancha ($8^{\circ}-52'$ N, $69^{\circ}-02'$ E at 8 hrs.)	WSW gale at 8 hrs. increasing to force 11 and veering to W by 20 hrs.
Tjerimai ($9^{\circ}-21'$ N, $67^{\circ}-20'$ E at 8 hrs.)	Moderate to strong gale during the day.
Commandant Dorise ($9^{\circ}-18'$ N, $68^{\circ}-06'$ E at 20 hrs.)	Wind NW/W, force 10, at 20 hrs.

Weather experienced.

Amini Divi	Strong wind and very high sea, c. u. p.
April 23rd.	No steamers near the storm centre.
Herefordshire (near 10° N, 65° E)	Wind force 3 to 4; copper coloured sunset; weather hot and sultry.
April 24th.	
Clan Ross (11°-02' N, 61°-31' E at 8 hrs.)	Wind NW, force 4.
Herefordshire (near 9° N, 69° E)	WSW to SW fresh breeze upto 8 hrs., then decreased.
S. S. Clan MacVicar (12°-52' N, 65°-03' E at noon)	A moderate breeze at noon, then squally to 13 hrs. Strong NNE breeze, rough sea and confused swell at midnight.
April 25th.	
Clan Ross	Wind westerly, force 3 to 4, throughout the day; confused NE and SW swell.
Clan MacVicar	Wind N, gale force, from 1 to 6 hrs. 30 minutes, when it shifted to east and fell light; at 8 hrs. Wind shifted to SE and increased to a moderate gale, veering to S by 15 hrs. and falling to a moderate breeze by midnight.

2. *Severe storm of 19th to 24th April.*—This storm in the Bay, like the simultaneous storm in the south-east of the Arabian Sea, was generated by the vigorous advance of the monsoon in the third week of April.

On the morning of the 18th a depression was shown on the map in the southeast of the Bay, and by 8 hrs. next day it had developed into a storm in the neighbourhood of Car Nicobar. It advanced thence in a north north-westerly direction and at 8 hrs. of the 20th its centre was some fifty miles south-west of port Blair, where the barometer read 29.32" or .52" below normal and 8" of rain were registered for the previous 24 hrs. Continuing on its north north-westerly course it passed closest to Port Blair at about noon by which time the barograph showed a further fall of .11". Although the centre of the storm passed within 40 miles of the station, the winds there blowing first from ESE and then from WNW were very light and did not rise above force 4. But at Table Island the wind was 21 m.p.h. from NE and the sea was rough at 8 hrs. that day, while the S.S. *Camillo* (about 200 miles west of the centre) had from 4 to 16 hrs. strong to high winds, rough seas and swell with occasional rain squalls. The light winds at Port Blair may have been due to the screening effect of the range of hills which run the whole length of the south Andamans; or, though less probably, it may have been that a definite storm centre had not yet formed and there was only a large central area of light winds.

At 8 hrs. of the 21st the centre of the storm was near 14½° N, 91½° E: Table Island had then a southerly gale and a rough sea, and Diamond Island reported a tremendous sea, but Port Blair had only a moderate breeze from WSW and a slight sea. The S. S. *Khodoung* bound from Rangoon to Calcutta experienced off the Arakan Coast very high seas and wind and frequent hard squalls. She hove to at 9 hrs. and stayed near 17°-50' N, 92°-15' E till the morning of the 24th.

By the morning of the 22nd the storm had advanced to a position with centre near 16½° N, 90½° E; the sea continued

very rough at Diamond Is'and, and the S. S. *Khodoung* experienced very severe weather throughout the whole day. An extract from her log is given below for the 22nd April 1922.

Hour.	Barometer corrected.	Wind direction.	Force.	REMARKS.
2 . . .	29.62	ESE	9	Strong gale, very high dangerous sea.
4 . . .	29.60	ESE	9	Vessel labouring heavily and shipping water fore and aft; heavily overcast with frequent hard squalls.
6 . . .	29.61	ESE	8	
8 . . .	29.67	E	8-9	Weather and conditions unchanged.
10 . . .	29.67	E/S	10	Strong gale, mountainous sea, vessel labouring heavily and shipping water fore and aft; frequent squalls of hurricane force; heavily overcast.
Noon . .	29.65	SE	10	
14 . . .	29.63	SE/S	9	Vessel rolling very heavily. Weather slightly moderating, frequent squalls of gale force with heavy rains; sea still very high and dangerous. Vessel shipping water fore and aft.
16 . . .	29.62	S/E	7-8	
18 . . .	29.65	S/E	7-8	
20 . . .	29.73	SE	7-8	Weather remains unchanged.
22 . . .	29.76	SE	7-8	Weather moderating generally; frequent fierce squalls of wind and rain; heavily overcast with some lightning.
Midnight	29.74	SE	7	Vessel labouring heavily and shipping water fore and aft.

The S. S. *Ellenga* and the S. S. *Bangala* both bound from Calcutta to Rangoon were just entering the storm field at 8 hrs. of the 22nd and reported a moderate gale and rough sea. The S. S. *Ellenga* escaped the full fury of the cyclone by steaming into the west semi-circle; she however experienced a strong gale, rough seas and frequent fierce squalls from noon that day to the early hours of the 23rd. The S. S. *Bangala* on the other hand got into the right advancing quadrant of the storm and had very severe weather from noon onwards; she recorded terrific squalls and mountainous seas from 16 hrs. of the 22nd to 8 hrs. of the 23rd, and was labouring and rolling heavily and shipping water fore and aft. Then the weather moderated slightly, but fierce squalls and high confused seas continued till that evening. Considerable damage was caused on deck and to the boats. The S. S. *Wareuta* and the schooner *Shanmuganathan* are also reported to have suffered in the storm between the 19th and 22nd.

On the morning of the 23rd the storm centre was near 19° N, 90½° E. The S. S. *Lady Blake* proceeding from

Akyab to Chittagong that day rescued 101 people from several boats in distress; and the consequent delay made it impossible for her to reach Chittagong before the storm, which struck her at 21 hrs. She reported that the wind reached a very high velocity and at times the seas were absolutely flattened. On the same night there was a considerable swell in Madras harbour where several ships were reported to have broken repeatedly from their moorings.

After 8 hrs. of the 23rd the storm curved to the north-east and crossed the coast near Cox's Bazar on the morning of the 24th. Strong winds from the southeast commenced there at 1 hr. of the 24th and gradually increased in force, but dropped at 8 hrs.; and after a lull of half an hour during the passage of the calm centre the storm recommenced and continued till 13-30 hrs. The shipping in port suffered no harm, but the roofs of several steamers in the Moiskhal channel were blown away and a few sampans were damaged. Considerable damage was caused to houses and embankments, the latter being broken by the attendant swell. The 'Thanas' most affected were, Cox's Bazar, Chakaria, Teknaf, Ukhia and Moiskhal; but no loss of life was reported.

3. *Depression of 1st to 5th June.*—A depression formed in the north of the Bay on the 1st and 2nd; on the latter date Saugor Island had 6" of rain; and moderately heavy rain fell on the coast from Cocanada to Balasore. On the morning of the 3rd the depression was in the north-west angle of the Bay, and crossing the coast during the day lay over Chota Nagpur and west Bengal on the 4th. It continued to move northwards and broke up in the hills to the north of Bihar on the 5th. It gave heavy rain in west Bengal, Bihar and the adjacent districts of Chota Nagpur; the falls were particularly heavy in the Dinajpur, Jalpaiguri and Darjiling districts.

4. *Depression of 11th to 14th June.*—A region of relatively low pressure lay over central Burma, Arakan and the north-east of the Bay on the 10th. Moving north-westwards it developed into a depression, which was situated on the morning of the 12th, centrally in 20° N, $89\frac{1}{2}^{\circ}$ E. Thence the depression moved northwards, and increasing in depth lay on the morning of the 13th over deltaic Bengal and the head of the Bay. It continued in this position for more than 24 hours with undiminished intensity and filled up during the 14th, after causing widespread and locally heavy rain in south Bengal.

5. *Slight storm of 7th to 10th July.*—A depression which appeared in the north of the Bay on the 5th developed slowly into a slight storm with centre about $19\frac{1}{2}^{\circ}$ N, $89\frac{1}{2}^{\circ}$ E on the morning of the 7th. The storm moved in a north-westerly direction and lay in the north-west angle of the Bay on the morning of the 8th. It crossed the coast near Balasore during the day and weakening considerably was situated over Chota Nagpur next day. Thence it moved into the southeast of the United Provinces where it disappeared on the 10th, leaving however a residual shallow depression behind; this persisted there until the 14th and caused locally heavy rain in its neighbourhood. The rainfall associated with the storm was heavy in Orissa, Chota Nagpur and the southeastern districts of the United Provinces. The falls were remarkably heavy in the Cuttack district of Orissa on the 7th when False Point had 13" and Kendrapara 11".

6. *Depression of 20th to 23rd July.*—A depression formed in the north of the Bay on the 20th and in the next two days

it moved slowly in a north-westerly direction. It crossed the Orissa coast on the 22nd and disappeared over Chota Nagpur next day. The rainfall associated with it was only light to moderate.

7. *Slight storm of 27th to 30th July.*—A depression formed at the head of the Bay on the 26th, and by the morning of the 27th it had developed into a slight storm with centre about 75 miles south-east of Saugor Island. The storm moved in a west north-westerly direction, and crossing the coast near Balasore in the forenoon of the 28th advanced to the north of the Central Provinces, where it gradually weakened and died out on the 30th. It gave locally heavy rain in Orissa and the Central Provinces; Dorlee and Jam Mohgaon in the Balaghat district of the Central Provinces each received more than 9" on the 28th.

8. *Depression of 1st to 4th August.*—A depression formed over deltaic Bengal on the 1st, and very heavy rain fell in the south-western districts; the average fall in the Howrah district was nearly 11" and falls of 10" or more were also recorded at a few stations in the districts of 24-Parganas, Hoogly and Midnapore. On the morning of the 2nd it was a well marked depression with a departure of pressure of .37" at Burdwan in the neighbourhood of its centre. Thence it moved westwards over Chota Nagpur giving very heavy rain locally in the districts of Bankura and Manbhum on the 2nd; Bankura town had 11" and Indpur 12". The heavy rain caused floods in the rivers there and an area of about 100 square miles was inundated in the Ghatal subdivision of the Midnapore district and the neighbouring tracts of the Bankura district; the floods were sudden and the damage to houses and cattle was great. Gradually weakening as it advanced inland, the depression lay over the southeast of the United Provinces on the morning of the 4th; and heavy rain fell locally there on the 3rd and 4th. The depression weakened further on the 4th and had disappeared by the morning of the 5th.

9 and 10. *Depressions of 15th to 16th and 19th to 22nd August.*—The usual monsoon trough of low pressure projected into the north of the Bay on the 13th and a depression formed there on the 15th; but this failed to develop and had disappeared by the morning of the 17th. Conditions however continued unsettled in the north of the Bay, and another depression formed there on the 19th. It crossed the Orissa coast the same day and giving locally heavy rain in its track lay over Chota Nagpur on the morning of the 20th. Thence the depression passed over Central India East and reached east Rajputana on the morning of the 22nd, and disappeared during the day. The rainfall associated with it in the central parts of the country and Rajputana was only moderately heavy.

11. *Depression of 2nd to 7th September.*—In the usual trough of low pressure projecting into the north of the Bay a depression formed on the 2nd. It crossed the Orissa coast on the 3rd and passing over the north of the Central Provinces and Rajputana disappeared over Sind on the 7th. On the 4th, when it lay over Orissa, a western disturbance appeared on the frontier and under their combined influence widespread rain fell over northern and central India. The falls were locally heavy in Central India, the north of the Central Provinces south Rajputana and Gujarat.

12. *Depression of 8th to 12th September.*—This developed in the north of the Bay on the 8th and 9th, and crossing the Orissa and north Madras coasts on the 10th was situated over the west of the Central Provinces on the morning of the 11th. It gave heavy rain locally in the southwest of the Central Provinces and the adjacent districts of Hyderabad on the 10th and disappeared on the 11th after causing some local heavy falls in Central India West and Gujarat.

13 and 14. *Feeble depressions of 16th to 18th and 21st to 23rd September.*—Weather was slightly unsettled in the north of the Bay from the 13th, and on the 16th a shallow depression formed off the Orissa coast. It caused some moderately heavy rain in Orissa and Chota Nagpur, and lay over the Central Provinces on the morning of the 18th. That day it coalesced with a western disturbance over Central India and the United Provinces. Another feeble disturbance which formed in the north of the Bay on 21st had by the morning of the 23rd coalesced with the same western disturbance over Chota Nagpur. The western disturbance, which absorbed these two disturbances, gave widespread and locally heavy rain in northern India from the northwest frontier to Assam: very heavy rain fell in the Naini Tal district on the 19th, Nagla receiving 13"; and in the Kheri district local heavy falls occurred between the 18th and 23rd, the heaviest being 12" at Nighasan on the 21st. In the northern and western districts of Bengal very heavy rain fell from the 23rd to 26th. The largest amount recorded in a day was 20.25" at Nowkhilla in the Bogra district in the 24 hours ending 8 hrs. of the 26th. In the four days from 8 hrs. of 23rd to 8 hrs. of 27th Balurghat, Gangarampur and Dinajpur in the Dinajpur district had 42", 35" and 31" respectively, while the average total of the district for the four days was 22.14"; the normal September rainfall of this district is only 11.27". The result of such heavy rain was the flooding of a large tract of country in north Bengal, the area affected being 400 square miles in the Bogra district, 1,200 square miles in Rajshahi and a small area in Pabna. There was considerable loss of crops and cattle and destruction of houses, but the loss of life was small.

15. *Slight storm of 15th to 18th October.*—The monsoon strengthened in the south of the Bay, and a depression formed to the south of the Andamans on the 15th. This moved in a west north-westerly direction, and on the 16th was probably a slight storm; for the S. S. *Trifels* bound from Madras to Rangoon experienced northerly to north-easterly winds of force 6 to 7 from midnight 15th, rising to a gale at noon of the 16th; but in the afternoon she reported easterly winds of only force 5 to 6. On the 17th it gave heavy rain on the Coromandel coast from Masulipatam to Madras, with light moderate rain on the coast further south. It was only a diffuse depression on the morning of the 18th and disappeared during the day after causing moderately heavy rain from Masulipatam to Waltair. After its disappearance the monsoon extended into the interior of the Peninsula and rain fell in Hyderabad and south Madras on the next two days.

16. *Depression of 1st to 4th November.*—A depression formed in about 7° N, 86° E on the 1st. Thence it advanced in a north-westerly direction and disappeared off the Madras coast on the 4th. The rainfall associated with it was widespread in south-east Madras, very heavy rain falling on the

south Coromandel coast on the 2nd: an average of 5.8" fell in the Chingleput district and of 3.5" in the South Arcot district; Sulerpet in the Nellore district and Kovelong in Chingleput had each 8", while several other stations reported 7".

17. *Small but severe storm of 8th to 10th November.*—A storm appeared in the Andaman Sea on the morning of the 8th. From the tracks of typhoons and depressions given in the Monthly Meteorological Bulletin of the Royal Observatory, Hongkong, dated December 1922, it appears that this storm originated in the China Sea. On the morning of the 4th it was a depression in 8° N, 129° E to the east of the island of Mindanao in the Philippines. It crossed over Mindanao that day and was on the morning of the 5th near 8½° N, 118° E, having traversed 11° of longitude in 24 hrs. Then its rate of motion decreased, but the intensity increased; for next morning it is shown as a typhoon with centre near 9° N, 112° E. Still travelling slowly, it lay at 5 hrs. of the 7th over Lower Cochin China in 10° N, 106° E. At 8 hrs. of the 8th it was, as stated above, in the Andaman Sea in about 13° N, 97° E, but was ill defined. Hence after leaving Cochin China it travelled faster than on the previous two days. It appears to have crossed the hills of Tenasserim in the neighbourhood of Mergui which reported 5" of rain at 8 hrs. of the 8th. The track of the storm had further begun to curve more to the north.

After this it travelled in a north-westerly direction and passed close to Diamond Island at 2 hrs. of the 9th, where the barometer then read 29.43" or 0.42" below normal and the sea was very rough. At 8 hrs. that day the centre of the storm was about 50 miles north-west of Diamond Island. The S. S. *Shah Jehan* was in the western quadrant within about 50 miles of the centre at 7 hrs., and experienced rough seas, confused swell and a strong wind from the north-west, while the S. S. *Arank la* which was about 60 miles to the west of the centre experienced a strong NNW wind and very rough seas with conspicuous swell. Thence the storm moved in a north-north-westerly direction and changing later on to a northerly course was situated about 50 miles south-south-west of Akyab at 8 hrs. of the 10th. Curving then slightly to the east, the centre of the storm passed over Akyab between 14 and 15 hrs. in the afternoon.

The following observations taken during the storm have been kindly supplied by Commander L. W. R. T. Turbett, O.B.E., R.I.M., Port Officer Akyab; the barometric reading are corrected to the Calcutta standard:—

"In the early hours of the 10th the wind veered to E ½ S, gradually increasing in force till it was blowing force 6 at 8 hrs. with squalls of force 7 and rain.

Hour.	Wind direction.	Force.	Weather.	Barometer.
				Inches.
8 . . .	E ½ S	6-7	U. P. Q.	29.61
11 . . .	E ½ S	7-8	U. P. Q.	29.51
Noon . . .	E ½ S	8	U. P. Q.	29.48
13 . . .	E ½ S	9-10	U. P. Q.	29.40
14 . . .	E ½ S	10	U. P. Q.	29.24
14-14.45 . . .	..	calm	..	29.22
15 . . .	Westerly	9	U. P. Q.	29.28
15-16 . . .	Westerly	11	U. P. Q.	..
17 . . .	Westerly	4	C. V.	29.58"

In describing the weather at the time the Port Officer says :—

"From 13-00-14-00 the barometer fell 0.16" and then the wind suddenly eased up and by 14-05 there was a complete calm. I went out on the pier and stood there while the centre passed over. A great concourse of birds, crows, seagulls and others were flying about in a distracted way evidently quite upset. At times the calm was broken by a light breeze from the east but on the whole for quite thirty minutes the air was absolutely still. At 14-40 distant clouds were observed over Fakir Point Flag Staff moving from west to east and then came a light westerly breeze freshening fast till at 14-45 the storm had recommenced blowing from the west.

"By 15-00 the wind was blowing a whole gale. At 15-05 it rose to a tremendous blast with deluges of blinding rain. This lasted till 15-50 and during this interval most of the damage on shore was done. The wind from 15-00 till 15-50 was far heavier than at any other time.

"After 16-00 the wind very quickly dropped till by 17-00 there was only a moderate breeze and by 18-30 it had fallen calm."

The S. S. *Chakdina* was in port at Akyab and the following are the observations taken on board the steamer from midnight 9th to 17hrs. of the 10th :—

Hour.	Wind.	Force.	Bar.*	REMARKS.
Midnight	N N E	4	29.61	Mod. Breeze, Fine and Clear.
3 . .	E S E	5	29.56	Similar Weather, Occas. Lt. rain.
6 . .	S E/E	7	29.55	Stronger squalls, clear in between.
8 . .	E S E	7	29.47	Mod. gale, with heavy squalls.
10 . .	East	7	29.47	Mod. gale, with heavy squalls.
Noon .	E/N	8	29.37	Mod. gale, heavy squalls, freq. Lt. rain, sky overcast.
13 . .	E S E	8	29.30	1/30 wind moderating.
14 . .	E/S	8	29.15	
14-30 .	..	..	..	Dead calm, clear sky, "Bulls-eye" very distinct, bearing S.W.
15 . .	W/N	12	29.15	Terrific wind from westward, very heavy rain. Squalls, hurricane force.
16 . .	N W/N	10	29.32	Wind moderating, but still blowing a whole gale, with heavy rain.
16-40 .	..	..	..	Wind and rain decreasing rapidly.

* The readings are corrected for height, temperature and diurnal range, but the correction to the Calcutta standard is not known.

Of the shipping in the Port no steamer was damaged, but two sailing vessels went ashore and the cost of refloating them was estimated at Rs. 3,000 : 28 boats including one

motor boat were totally lost, while 3 boats were partly damaged : the total damage amounted to about Rs. 21,500. In the harbour the iron work of the stone pier was damaged, but no lives were lost. The Deputy Commissioner reports that the cyclone affected the whole of the Panktow and Akyab townships and the outturn of paddy was expected to suffer a shortage of 2 to 3 annas.

As is usual with typhoons entering the Bay of Bengal from the China Sea, the storm was of small diameter, but had all the characteristics of a severe cyclone, viz., the calm centre and the ring of hurricane winds. Between 8 hrs. of the 8th and 8 hrs. of the 9th its rate of motion was about 14 miles an hour ; during the next 24 hours the rate fell to 11 miles an hour ; and in the forenoon of the 10th while approaching Akyab its velocity decreased further to about 8 miles an hour. It is noteworthy that, while strong winds in the front of the storm lasted for about 6 to 8 hours prior to the passage of the centre, in the rear of the centre they lasted only for a couple of hours, but then attained a much greater force. At first sight this suggests that the storm was elliptical in shape with a greater crowding of isobars at the back than in the front. But the true explanation probably lies in the facts that the wind blew from the sea after 15 hrs. whereas previously it was off shore, thus accounting for the relative strength ; and that the centre rapidly filled up as it approached and passed Akyab, in consequence of the storm-front having then encountered the Arakan hills. Judging from the facts that a moderate gale sprang up at Akyab at 8 hrs. and the calm centre passed over the station at 14½ hrs., the diameter of the storm was probably about 100 miles. But on account of its rapid filling up after crossing into land the diameter of the storm as it passed over Akyab was about 70 miles.

18. *Severe storm of 18th to 22nd November.*—A depression appeared in the Andaman Sea on the 17th ; it is probable that like its predecessor it crossed over from the Gulf of Siam, but there is no distinct evidence to show this. It developed during the day and advancing west north-west had formed by the morning of the 18th into a slight storm with centre about a hundred miles north-east of Port Blair. The S. S. *Ellora* bound from Rangoon to Madras was then about a hundred miles north-west of the centre ; from midnight 17th to noon 18th she had only a moderate wind and sea, increasing in the afternoon and night to a moderate gale and a rough confused sea. The S. S. *Coconada* on her way to Rangoon had from noon 18th, when she was about 300 miles north north-east of the centre, to morning 19th strong to high winds from E or SE, rough seas and frequent showers of rain. By that time the centre had advanced to a position near 13½° N, 90½° E. The S. S. *Ellora*, although steaming ahead of the storm and at a distance of about 300 miles from the centre on the morning of the 19th, continued to experience a moderate gale and rough confused sea throughout the day and till 4 hrs. of the 20th, when the sea moderated ; the S. S. *Bharata* bound from Madras to Rangoon passed through the storm area that day and experienced a strong gale and rough seas, with terrific rain squalls at midnight. The storm was probably severe then, but as the S. S. *Bharata* avoided the central area, no definite evidence is available regarding the intensity on that day.

At 8 hrs. of the 20th the centre of the storm was in about 15° N, 87° E. The S. S. *City of Harvard* bound from Calcutta to Colombo passed very close to the centre in the afternoon and experienced winds of hurricane force and very severe weather; her log is given below for the period 4 hrs. to 18 hrs. of the 20th.* It would appear from this that the vessel steamed across the line of progression of the storm passing within a short distance to the west of the centre between 12-50 and 14-30; the lowest reading recorded by the aneroid barometer on board was 28.49", which is 1.4" below the normal value for that region in November.

The S. S. *Nore* bound from Madras to Calcutta passed through the storm that night, but at a greater distance from the centre; the barometer on board fell from 29.88" at 8 hrs. of the 20th to 29.38" at 2 hrs. of the 21st and rose again to 29.88" at 18 hrs. that day. She experienced frequent heavy squalls of rain, high confused sea and swell, and winds of force 10 from about midnight of the 20th to the early morning hours of the 21st, rising to force 11 at 1 hr.; but she suffered no damage.

At 8 hrs. of the 21st the centre of the storm was near 16° N, 84° E, about 125 miles east-south-east of Cocanada where the sea was then reported tremendous. Winds were very strong from Cocanada to Waltair on account of the steep gradients to the north of the storm. During the next 24 hours the storm travelled rather more slowly than on the previous days and was probably weakening. It crossed the coast to the north of Masulipatam, the centre passing close to the station at 14 hrs. of the 22nd, when the barometer reading there was 29.09" or .63" below normal; after giving heavy rain on the sea-board between Cocanada and Masulipatam it broke up rapidly against the hills of the eastern ghats.

The Port Officer, Masulipatam writes: "The N.W. wind in the morning was so strong at about 10 A.M. that it was impossible for any one to walk in the street and several strong trees were uprooted. The wind direction changed to east at about 3 P.M., but the storm continued till 10 P.M. The smaller houses and crops were affected by the storm, but the shipping in port suffered no damage. The tide was abnormally high."

An account of the damage done by the storm received from the Collector, Kistna, shows that the storm was very severe on the coast of Bandar Taluk; 100 cattle and nearly 600 sheep were lost and garden crops were greatly damaged in the surrounding taluks. He further states that the sea rose abnormally and, but for the fact that the tide was then ebbing, would have breached the dyke and washed away the Bezwada-Masulipatam Railway. The damage to garden crops was also great in the taluks on the sea-board of the Godavari district.

A track of this storm together with an extract from the log of the S. S. *City of Harvard* is given in the London Meteorological Office Monthly Meteorological charts of the East Indian Seas for August 1923. The track there shown differs from the track worked out above: the centre is placed at 8 hrs. of the 18th in 10° - 15° N, 95° - 30° E and the storm is made to pass to the south of the Andamans about midnight. The shift of wind at Port Blair shows that it passed to the

north of the station and the lowest pressure there which was recorded at 13 hrs. fits in with the track as worked out.

19. *Small but severe storm of 25th November to 7th December.*—Northerly winds and a tendency to a fall in pressure on the morning of the 20th on the south Tenasserim coast indicated the approach of a low pressure area from the east; this had passed out into the Andaman Sea next morning for the wind had changed to SE at Victoria Point where half an inch of rain had fallen in the previous 24 hours. Rainfall continued at Victoria Point on the 21st, another inch being recorded before 8 hrs. of the 22nd, when the low pressure area was centred near 9° N, 95° E, the S. S. *Laisang* near $10\frac{1}{2}^{\circ}$ N, $95\frac{1}{2}^{\circ}$ E, at 7 hrs. reported a moderate easterly wind with moderate sea and swell, squally weather and an overcast sky; and the sea at Port Blair which had been smooth became slight. There is no direct evidence to show whether it was then a mere depression or a storm of small diameter as it was proved to be later when observations were available near the centre. Passing eastwards it caused $1\frac{1}{2}$ " of rain at Port Blair on the 23rd, but its position cannot be determined either on the 23rd and 24th as no ships' observations are available near it.

On the morning of the 25th it was centred near 9° N, 89° E, and the S. S. *Herefordshire* near $10\frac{1}{2}^{\circ}$ N, $88\frac{1}{2}^{\circ}$ E, experienced a moderate ENE breeze, moderate sea with moderate confused swell, and squally weather with an overcast sky; while the S. S. *Sicilia* near 6° N, $88\frac{1}{2}^{\circ}$ E reported a moderate westerly breeze, moderate sea and swell and heavy rain. On the morning of the 26th it was probably near 9° N, 87° E, and the S. S. *Matador* near 12° N, $84\frac{1}{4}^{\circ}$ E experienced at 8 hrs. rough seas with passing heavy squalls of rain and wind. Next morning it was probably near 9° N, 85° E; the S. S. *Warialda* bound from Colombo to Calcutta experienced a moderate SW breeze till 11 hrs. when the wind veered to S, and at noon she reported a confused sea and heavy rain; in the afternoon she experienced a moderate ESE wind with rough to heavy sea and heavy rain squalls. That night at 20 hrs. the S. S. *City of Naples* in 8° - $18'$ N, 82° - $42'$ E, experienced a strong N by E wind and moderate sea accompanied by a long heavy swell from NE by N with frequent rain squalls of varying intensity, the barometer reading 29.83". Shortly before 21 hrs. the wind commenced backing to the westward; at 21 hrs. the glass had fallen to 29.60", wind came from NNW increasing to force 10 preceded by torrential rain. Soon after this the wind veered to SE blowing with equal force. At 22 hrs. the barometer had risen to 29.71", wind still SE force 10, incessant rain, violent squalls being experienced at frequent intervals. Towards midnight position 8° - $54'$ N, 83° - $0'$ E, the wind backed to ESE, force 9, with occasional lulls, the swell from NE being very heavy. Similar weather and conditions were experienced till 2 hrs. 30 minutes of the 28th when the wind gradually began to lose its former violence and at 4 hrs., position 9° - $29'$ N, 83° - $17'$ E, conditions had much improved.

It appears from the daily charts published in the Annual Report of the Colombo Observatory for 1922 that the storm lay off the east coast of Ceylon between Trincomalee and Batticalao on the morning of the 28th. It passed over the island on the 28th, and on the 28th-29th the whole of the

* See page 38 for log of the S. S. *City of Harvard*.

northern half of the island had over an inch of rain and many places over 5 inches. On the morning of the 29th the storm was crossing into the Gulf of Manaar to the north of Colombo and was encountered by two steamers there that night; the S. S. *Ula* in 7°-20' N, 78°-43' E at 19 hrs. experienced a strong westerly gale and rough seas; at midnight the B. I. boat *Purnea* passed close to the centre of the storm about 50 miles south-east of Tuticorin, and met with frequent squalls of some violence; she lost her wireless gear, canvas awnings and an engine-room ventilator. The storm then crossed the extreme south of the Peninsula and passed close to Trivandrum on the morning of the 30th. The Honorary Director of the Trivandrum Observatory has kindly placed his observations and the records of his self-registering instruments at our disposal; the details in the next paragraph regarding the storm's behaviour there are based upon this information.

The barometer at Trivandrum which had been steadily falling from 29.75" at 20 hrs. of the 29th to 29.62" at 4 hrs. of the 30th then fell rapidly to 29.50" at about 5-45 hrs. when pressure was lowest and about a third of an inch below normal. It rose slightly to 29.51" at 6 hrs., was steady at that height till 7 hrs., and then rose at first slowly and later rapidly to 29.68" at 10 hrs. The wind increased steadily after 2 hrs. and blew a gale from the north-west from 4 to 7 hrs. There was then a decided calm between 7 and 8 hrs. which was followed by stormy winds backing from SW to SE up to 10 hrs. From the above it would appear that the lowest pressure was not recorded at the time the calm centre passed over Trivandrum; the two were separated by an interval of an hour; but if pressure readings are corrected for diurnal change, which normally amounts at Trivandrum to a rise of .02" an hour between 6 and 8 hrs. it will be seen that pressure, thus corrected, was lower at 7 hrs. than at 6 hrs. and was steady between 7 hrs. and 7 hrs. 40 minutes when the wind was calm; it may be concluded that the ordinary diurnal change of pressure occurred throughout the storm area. Another peculiarity noticed was a sudden rise of temperature by 2° F just before the lowest pressure was reached, and this high temperature was maintained as long as the low pressure lasted. Judging from the interval between the time at which the strong winds reached Nagercoil (a town 40 miles southeast of Trivandrum), Trivandrum and Quilon, it appears that the storm was then travelling at the rate of about 7 miles an hour.

The rainfall associated with the storm was widespread in the southern half of the Peninsula from the 27th November to the 1st December. Very heavy rain fell locally in the southern districts of Madras and Travancore: many stations in the latter area recorded falls of 7" to 8" in 24 hours; the largest amounts were 10" at Neyyattinkara and 12" at Seetapal on the 29th November.

Passing out into the Arabian Sea the storm travelled in a westnorthwesterly direction, and passing to the north of Socotra appears to have crossed the coast of Arabia near 48° E. It was encountered by a few steamers. The S. S. *Ormuz* recorded very confused seas and heavy rain on the south side of the storm on the morning of the 2nd December, when the centre lay near 9½° N, 70½° E. The S. S. *Eclipse*, an American steamer, passed through the storm centre at

9°-50' N, 69°-15' E at 20 hrs. that night. The following account of the weather experienced by the Captain is extracted from the London Meteorological Office Monthly Meteorological Charts of the East Indian Seas for August 1923, where a track and a short account of this storm are given: "I did not realize that it was a revolving storm till 4 P.M. of the 2nd, as it had all the usual squally weather and conditions experienced before getting into the north-east monsoon. The Eclipse was then near 9°-49' N, 70°-00' E, with wind NE by E force 9, pressure 29.34"; four hours later in 9°-50' N, 69°-15' E, the vessel was in a NNE hurricane, pressure 28.20". From 8-05 till 8-30 P.M. she was in the storm centre with light airs. From 8-30 till 8-55 P.M. hurricane winds from the south were experienced during which time the pressure rose from the observed minimum of 28.20" to 29.00." The storm then receded rapidly." At 8 hrs. of the 3rd the storm was near 10½° N, 67½° E, and the S. S. *Morvada* passed to the south of the centre that morning; she experienced winds of force 5 to 6 with rain squalls, rough sea and confused swell. On the morning of the 4th the centre was probably near 11° N, 63° E and at 8 hrs. of the 5th near 12° N, 59½° E; on this day the S. S. *Glengorm Castle* passed at a considerable distance to the north of the centre and yet had winds of force 6 to 7. On the morning of the 6th the storm was to the north of Socotra near 13° N, 54½° E; on this day the S. S. *City of Baroda*, the S. S. *Mashobra* and the S. S. *Khiva* all passed to the north of the centre, and experienced high confused seas with heavy rain squalls and wind forces ranging from 7 to 9.

From the above it appears possible that the storm originated either in the Gulf of Siam or further east, and that it crossed the Isthmus of Kra and entered the Bay of Bengal on the 20th; as there are no high mountains in this region, it is improbable that it could have diminished appreciably in intensity in crossing over this narrow strip of land. It was therefore possibly a small storm even on the 21st, but we have no good evidence for a cyclonic circulation around a centre until the 25th, while it is not till the 27th, when the storm was near Ceylon, that direct evidence of its intensity becomes available through the log of the S. S. *City of Naples*; it was then a severe but small storm; for while the *City of Naples* was experiencing winds of storm force, the S. S. *Warialda* about 90 miles due east of it reported only a moderate breeze and heavy rain squalls. The storm appears to have weakened while passing over Ceylon; for though it caused moderately severe weather in the Gulf of Manaar, the winds at Trivandrum did not exceed gale force. After entering the Arabian Sea it intensified again and the S. S. *Eclipse* which passed through the centre had winds of hurricane force. The gradients near the centre would appear to have been very steep at this time; in the rear of the central calm area the pressure on board rose by 0.80" in 25 minutes. Assuming that the steamer would be hove to between 8 and 9 P.M. it would appear that the central calm area had a diameter of 4 miles, and that the area of hurricane winds in its rear also extended for 4 miles. The available ships' observations during the rest of its life, although none of them were close to the centre, indicate that it was still severe while passing through the Gulf of Aden.

In the Bay the storm was travelling roughly at 2° of longitude a day; after passing the Gulf of Manaar its

velocity increased as it was passing close to Trivandrum on the morning of the 30th. In the Arabian Sea its rate of travel was about 200 miles a day till the morning of the 4th, but it increased steadily thereafter and was probably about 350 miles a day while crossing the coast of Arabia

20. *Severe storm of 6th to 11th December.*—A storm, probably slight, appeared on the morning of the 6th December to the west of the Nicobars, and the R.I.M.S. *Minto* near Nancowry had a high southeasterly wind, with squalls, rain and a rough sea. By 8 hrs. next morning the storm had moved to a position near $9\frac{1}{2}^{\circ}$ N, $90\frac{1}{2}^{\circ}$ E, and the R.I.M.S. *Minto*, now near Car Nicobar, had a high southeasterly wind with squalls and a high confused sea. On her way to Port Blair that night and next morning she continued to experience strong winds and squalls. The storm had evidently intensified considerably by this time; the S. S. *Warina* bound from Bassein to Bombay passed through the north-west quadrant at a distance of about 150 miles from the centre and had a high wind, high confused sea and fierce rain squalls from noon 7th to noon 8th; and the experiences of the S. S. *Arracan* bound from Rangoon to Aden given in the London Meteorological Office East Indian Seas chart for August 1923 shows that she had very severe weather that night, the wind from NE reaching force 11 at 22-30 hrs. (barometer 29.51"). At this time the steamer was at a distance of about 80 miles north-north-west of the centre; and the weather moderated only in the early hours of the 8th when she was to the west of the storm and receding from it.

2. On the morning of the 8th the storm was almost due west of Port Blair with centre near 12° N, $89\frac{1}{2}^{\circ}$ E; and the S. S. *Chakdara* more than 200 miles to the north of the centre was labouring under a high wind and high sea. The storm moved almost due north during the day to a position with centre near $13\frac{1}{2}^{\circ}$ N, 90° E at 8 hrs. of the 9th; the S. S. *Herefordshire* about 125 miles southeast of the centre then recorded a southerly gale and a very rough sea with confused swell, while the S. S. *Chakdara* was experiencing a high wind, high head sea, confused swell and intermittent fierce squalls.

3. The storm moved during the day in a direction slightly to the east of north and lay near 16° N, $90\frac{1}{2}^{\circ}$ E at 8 hrs of the 10th. The S. S. *Chakdara* on her way to Rangoon passed through the centre at about half-past seven that morning; an extract from her log is given below. Her position at noon on the 9th was $15^{\circ}-31'$ N, $91^{\circ}-37'$ E, after which she remained hove to with her head towards east or southeast until the centre passed over her; during these 19 hours she was driven by the wind towards westnorthwest, as the Captain gives 16° N, $90^{\circ}-20'$ E as her position when in the centre.

Date.	Hour.	Position.	Barometer corrected.	Wind direction.	REMARKS.
9th	12	$15^{\circ}-31'$ N $91^{\circ}-37'$ E	29.41	E N E	Fresh gale, continuous heavy rain. High confused sea and swell. Vessel labouring heavily.

Date.	Hour.	Position.	Barometer corrected.	Wind direction.	REMARKS.
9th	16	..	29.31	E N E	Overcast and cloudy. Heavy rain squalls. High confused sea. Vessel pitching and labouring heavily.
"	20	..	29.33	N E	Strong wind with fierce rain squalls. High sea and swell. Vessel labouring heavily. Cloudy.
"	0	..	29.28	S E	Strong wind and fierce rain squalls. High sea and swell. Vessel pitching and labouring heavily.
10th	1	..	29.24	S E	Vessel paying off continually and laying to S 15° E.
"	2	..	29.15	S E	
"	3	..	29.05	E S E	
"	4	..	28.97	E S E	Overcast and cloudy. Frequent rain squalls. Strong wind, gale force. High confused sea. Vessel labouring and straining heavily.
"	5	..	28.81	E	Lightning to east 5 hrs. to 7 hrs.:—Vessel out of control. Wind at hurricane force with high breaking seas and confused swell. Vessel laying to S 15° E, labouring and pitching heavily. Cloudy.
"	6	..	28.71	E	
"	7	..	28.71	S E	
"	7.15	$16^{\circ}-00'$ N $90^{\circ}-20'$ E	..	Calm	Wind dropped suddenly to light airs. Sea moderate and no swell. Sky clear to E.
"	8	..	28.74	N W	Wind shifted to west, moderate; Sea moderate, confused. Cloudy 8.30:—Wind increased to force 12. Heavy rain.
"	9	..	28.86	N W	9 to 10.30:—Vessel out of control.
"	10	..	29.00	N W	
"	11	..	29.15	N W	
"	12	..	29.27	N W	Weather moderating slightly overcast. Frequent rain squalls. Heavy sea, swell absent. Wind gale force from N.W.
"	16	..	29.40	W N W	Weather moderating. Moderate wind. Sky cloudy and overcast. Heavy sea and swell. Vessel pitching heavily.

4. Four other steamers were in the neighbourhood of the storm on the morning of the 10th: the S. S. *Edavana* about 175 miles to the northeast of the centre reported an ENE gale and a very rough sea. The S. S. *Ethiopia* near Diamond Island had a moderate wind and sea with frequent rain squalls. The S. S. *Ellora*, about 175 miles southsouthwest of the centre had a strong WNW wind with rough seas and conspicuous northeasterly swell. The S. S. *Takada* bound from Penang to Calcutta had then, about 200 miles east-southeast of the centre, a strong S wind, considerable swell and frequent rain squalls. The storm had then begun to curve towards the northeast and the *Takada* ran into the inner storm area during the day; by 11-30 the wind she experienced had risen to force 10 with high confused sea and swell; at 14 hrs. the wind force was 11 and from 15 to 16 hrs. there were continuous squalls of hurricane force. The lowest reading of the barometer on board was 29-30" from 14 to 15 hrs. After 16 hrs. the wind which had steadily blown from the south, veered and slackened; it had fallen to a SSW gale at 17 hrs. and to a high wind at 18 hrs.

5. At 8 hrs. of the 11th the storm was off the Arakan coast with centre near 18° N, 93° E, and had already weakened. The S. S. *Takada* about a hundred miles westsouthwest of the centre had only a moderate wind and sea with occasional rain squalls. The S. S. *Shah Jehan* about 60 miles south-south-east of the centre had a strong wind, moderate sea and heavy confused swell. The S. S. *Ethiopia* about 50

miles west of the centre had a strong gale from WNW, rough confused sea, heavy swell and frequent heavy rain squalls. The storm travelled in an east-north-easterly direction during the day and crossed the coast about 60 miles southeast of Kyaukpyu in the evening. It disappeared rapidly after passing inland for there was no sign of the storm on the weather chart next morning. The rainfall associated with it was locally heavy on the south Arakan coast and in central Burma.

6. The storm was probably slight on the 6th, but developed rapidly, so that on the evening of the 7th it was a severe cyclone with probably a calm centre. On the morning of the 8th it had a diameter of 250 miles; it continued undiminished in size and intensity till the morning of the 10th when the S. S. *Chakdara* passed through the calm centre and recorded a pressure which was 1-25" below normal. After beginning to recurve towards the Arakan coast however it weakened considerably so that on the morning of the 11th its diameter was only 100 miles. Its rate of travel was 6 miles an hour on the first two days, decreased to 4 miles on the 8th, but increased again to 7 miles on the 9th and 9 miles on the 10th.

A short account of this storm appears also in the London Meteorological Office East Indian Seas chart for August 1923, where a full description is given of the experiences of the S. S. *Arracan*. The track given there is in the main similar to that worked out above, with the exception that the position of the storm on the 9th is put further north.

Western Disturbances.

The following is a list of the western disturbances which affected the weather in northern India during the year with the dates on which they did so and brief notes on the rainfall that they produced:—

1	December 31st.— January 4.	Fairly widespread rain from the east Punjab to southwest Bengal and in the Central Provinces with local falls in north Assam.	6	January 31.—Feb- ruary 4.	Widespread snow on the western Himalayas with local rain in northeast Baluchistan and the Punjab till the 3rd; and nearly general rain in Bihar and west Bengal with a few falls in Orissa and Assam on the 4th.
2	January. 5—11 . . .	Widespread precipitation in the semi-circular area extending from the east and north Punjab, through Central India and the west of the Central Provinces, to the north Bombay Deccan between the 7th and 9th; and from the United Provinces to north Assam on the 10th and 11th.	7	February. 8—10 . . .	Widespread precipitation along the north-west frontier with local falls in the north Punjab and Kashmir.
3	12—16 . . .	Light local falls in the east and north Punjab and the surrounding mountains, and in northeast Baluchistan.	8	13—16 . . .	Widespread rain and snow in Kashmir, the North-West Frontier Province and on the Punjab hills with a few falls in Baluchistan and the Punjab Plains.
4	18—22 . . .	Widespread rain in the east Punjab, the United Provinces and Central India East, local snow in Kashmir and local rain in the Central Provinces with a few falls in Assam and Bihar.	9	17—20 . . .	Local snow in Kashmir with a few falls of rain in the North-West Frontier Province. This disturbance was also associated with unsettled conditions in the central parts of the country, and widespread rain fell in the north Bombay Deccan and the west of the Central Provinces with local rain in the east of the United Provinces.
5	23—30 . . .	Local precipitation in Kashmir and northeast Baluchistan till the 26th; widespread rain from Baluchistan to the northwest of the United Provinces with snow on the western Himalayas on the 27th and 28th; fairly general rain from Bihar to north Burma on the 29th and 30th.	10	22—24 . . .	Widespread rain in Baluchistan, the North-West Frontier Province and lower Sind with local falls in Kashmir and the north Punjab. It was a deep depression while passing over the Persian Gulf.

<i>March.</i>			<i>June.</i>		
11	1-4 . . .	Widespread rain in north Baluchistan and the North-West Frontier Province with local snow on the western Himalayas and a few falls in the east Punjab and Assam.	28	1-2 . . .	Introduced the monsoon much earlier than usual into the Punjab and the United Provinces, and caused widespread rain in the United Provinces and the south-east Punjab with local falls in west Rajputana and Kashmir.
12	5-6 . . .	A few light falls in Kashmir.	29	16 . . .	No precipitation.
13	9-10 . . .	Light local snow in Kashmir.	30	22-23 . . .	Aided the extension of the monsoon into the United Provinces, the Punjab and Kashmir where widespread rain fell.
14	11-15 . . .	Widespread rain and snow in Kashmir with a few light falls in the North-West Frontier Province, north-east Baluchistan and upper Assam.	31	27-28 . . .	Induced an extension of monsoon into the Punjab where widespread rain fell.
15	17-22 . . .	Nearly general precipitation in Kashmir and north-east Baluchistan with local falls in the Punjab hills between 17th and 19th; local rain in Assam with a few falls in Bengal and north Burma in the next three days.	<i>July.</i>		
16	23-29 . . .	Local rain in the North-West Frontier Province and fairly general snow in Kashmir with a few falls in the Bengal plains on 25th and 26th; local rain in Assam with a few falls in Burma and north Bengal between 27th and 29th; Cherrapunji recorded 8" on the 28th and Silchar 10" on the 29th.	32	4-6 . . .	Drew the monsoon into the Punjab and gave rain in the east and north Punjab and Kashmir.
17	March 30—April 4	Nearly general rain and snow in Kashmir with a few falls over the rest of north-west India excluding Sind and Gujarat, and local rain in Assam.	33	12 . . .	No appreciable precipitation.
<i>April.</i>			34	16-17 . . .	A few falls on the frontier and in north-east Baluchistan in connection with the monsoon.
18	5-11 . . .	A few falls in the Punjab and the surrounding hills between the 5th and 7th; on its passing eastwards nearly general rain in Assam, Bengal and Chota Nagpur with local rain over the rest of northeast India between the 8th and 10th.	35	26-27 . . .	Caused a temporary extension of the monsoon to the frontier.
19	11-16 . . .	Widespread rain and snow in Kashmir with local falls in the North-West Frontier Province and the north Punjab.	36	29-30 . . .	Caused another extension of monsoon into the Punjab and widespread rain in north-west India.
20	18-20 . . .	A well marked depression, but gave only local precipitation in Kashmir and the Punjab hills.	<i>August.</i>		
21	23 . . .	A few light showers in the extreme north.	37	10 . . .	A few falls on the northwest frontier.
22	26-28 . . .	A few falls in the North-West Frontier Province with local rain and snow in Kashmir.	38	19-21 . . .	Caused in conjunction with the monsoon widespread rain in the extreme north.
23	29-30 . . .	A few light falls in Kashmir and the North-West Frontier Province.	<i>September.</i>		
<i>May.</i>			39	5 . . .	Caused a temporary extension of the monsoon to the north-west frontier.
24	2-10 . . .	Widespread rain in Kashmir and the North-West Frontier Province with local rain in north-east Baluchistan and the west Punjab. This consisted of two disturbances or probably two patches closely following each other.	40	13-26 . . .	This appeared on the north-west frontier and moving eastwards remarkably slowly caused widespread and locally heavy rain in north-west India between the 14th and 18th. Reinforced by a depression from the Central Provinces it travelled eastwards as a well marked depression in the United Provinces between the 20th and 22nd, and rainfall became general there and in northeast India; on the 23rd it coalesced over Chota Nagpur with a depression from the Bay, and the combined depression caused very heavy rain in west Bengal during the next four days.
25	12 . . .	A few falls in the North-West Frontier Province.	41	27-28 . . .	Fairly widespread rain in the extreme north.
26	16-18 . . .	Nearly general rain in Kashmir.	<i>October.</i>		
27	25-26 . . .	A few falls in the Punjab and the surrounding hills.	42	4-7 . . .	Fairly widespread rain in Kashmir and the North-West Frontier Province with a few falls in the Punjab.
			43	9 . . .	A few light falls in the extreme north.
			44	13-16 . . .	A few light falls in the Punjab and the surrounding hills.
			45	23-24 . . .	Very feeble; no precipitation.

	<i>November.</i>	
46	2—9 . . .	A few falls in the Punjab hills and in north Assam.
47 to 51	{ 6, 9, 14, 22, 26 and 27.	Feeble disturbances appeared in the extreme north on these dates, but gave no rain.
	<i>December.</i>	
52	1—2 . . .	No rain.
53	10—15 . . .	Widespread rain from the northwest frontier to the west of the United Provinces, with local rain in the central parts of the country and a few falls in south Rajputana and Gujarat till the 13th; some rain in Bengal, Assam and north Burma in the next two days.

54	16—17 . . .	Local precipitation in Kashmir and the Punjab hills with a few falls of rain in the submontane plains.
55	19—23 . . .	Fairly widespread rain in the east and north Punjab and the United Provinces, with a few falls from Baluchistan to Kashmir and in Bihar.
56	26—27 . . .	Nearly general precipitation in north Baluchistan and Kashmir with local falls in the North-West Frontier Province.

Local Storms.

Of the local storms reported in newspapers the following are noteworthy :—

1. *21st May.*—A severe hailstorm occurred on the evening of this date at Pusa (Bihar) and affected the suburbs within a five-mile radius of the place. At Samastipur 13 miles east of Pusa there was only a slight storm with ordinary hail, while at Muzaffarpur 20 miles to the west, there was only a little dust and wind. The storm broke over Pusa at 20 hrs. 15 minutes, and lasted for hardly a quarter of an hour, but did extensive damage within that period. The hailstones were mostly spherical and some orange-shaped, 12" to 14" in circumference, just about the size of a polo ball. The average weight was 12 ozs. but some of the exceptionally bigger ones weighed even 4 lbs. The lawns in the Pusa estate were pitted all over, some of the large holes being 4" deep. All the glass windows facing the north and most of the tiles of the roofs were broken. At Birowlie about 3 miles to the south-west a corrugated iron roof was rent in a dozen places. The total damage to property in the estate was estimated at one lakh of rupees. Outside the estate a number of cattle and goats were killed and many injured, and the damage to the poorer houses was considerable.

2. *May 24th.*—At 22-15 hrs. this day three goods-wagons were blown away from Ishurdi station yard by a high wind.

3. *The second fortnight of June.*—A severe hailstorm was reported to have caused considerable damage at Siahaff in the Bugti country (Sibi). Some of the stones were stated to be 3 times as large as hen's eggs. Besides damage to crops and trees, some 200 sheep and goats were killed and many persons injured.

4. *20th June.*—A severe storm occurred at Ferozepur between 16 and 19 hrs. on this date. The wind was very high and was accompanied by sheets of rain and some hail. The storm did considerable damage to trees and telegraph poles and gave 3" of rain. The force of the wind started two wagons along the track at the station.

5. *31st July.*—At 17 hrs. on this date a tornado struck a train proceeding from Thaton to Martaban at mile 127-23 between Naunggala and Naungbo. Two goods vehicles and all the coaching stock were blown off the line and capsized. Three passengers were killed and 23 injured. A passenger thus describes the weather previous to the occurrence :— "The weather was very boisterous when we left Thaton at 4-30 p.m.; when we left the next station Naunggala there was no improvement. Some seven or eight minutes later we saw in the west what appeared to be a column of mist rapidly coming towards us; it struck us with a terrific force, our carriage quivered for a moment and then toppled over on its side."

6. *15th—16th November.*—Madras had very heavy rain on the night of the 15th—16th. Rainfall commenced at 21 hrs. of the 15th and continued for nearly twelve hours. A severe thunderstorm occurred at the station at 4 hrs. of the 16th. The total quantity of rain recorded at 8 hrs. of the 16th was 9.30 inches, which was the heaviest fall in one day in November for the past 20 years; the heaviest fall in one hour was 2.45 inches between 1 hr. and 2 hrs. of the 16th. The wind during the rain was from NW or NNW and the velocity was not more than 10 miles. 8.84 inches were recorded at Saidapet about 3 miles southeast of the observatory, and 8.42 inches at Poonamalle nearly 10 miles to west-south-west.

7. *24th November.*—A hailstorm occurred for about ten minutes in Ye U and Tabayin townships of Shwebo district. Standing crops were seriously damaged in about 17 village tracts and not less than 100,000 baskets of paddy were destroyed. In Zeyawaddy village the hailstones were so heavy that all the corrugated iron buildings were completely flattened; some of the roofs having holes pierced in them. Some cattle were killed here, while in Tindewyan village a man aged about 30 was killed. Hail also fell in Shwebo large enough to be uncomfortable.

Winds of force nine or more were recorded on ships in the Indian Seas during the year 1922 on the dates and at the places given below.

TABLE 2.

Month and date.	Name of ship.	APPROXIMATE POSITION.		REMARKS.
		Latitude.	Longitude.	
14th April .	John Sanderson .	3 S	61 E	Force 12.
20th „ .	„ „ .	7 N	70	
22nd „ .	Ellenga .	19	91	
„ „ .	Khodoung .	18	92	
31st May .	Malay Maru .	5	86	Force 10.
17th June .	City of Chester .	13	57	
21st „ .	Barenfels .	12	58	
24th—25th June	Golconda .	12	58-61	
1st-3rd July .	Clan Chattan .	14	57-64	Force 12.
12th July .	Ceylon Maru .	6	83	
12th—13th July	Fravenfels .	12	60-61	

Month and date.	Name of ship.	APPROXIMATE POSITION.		REMARKS.
		Latitude.	Longitude.	
18th July .	Wartenfels .	15	60	Force 10.
25th „ .	Travtenfels .	13	52-54	
27th—28th July.	Sydney .	17-18	64-69	
1st—2nd August	Caledonia .	17	60-58	
28th September	Rajah .	4	83	Force 12.
2nd October .	Indus Maru .	5	83	
20th November	City of Harvard .	14	85	
20th—21st November.	Nore .	17	84	
27th—28th November.	City of Naples .	8-9	83	Force 10.
4th December .	Accra .	10	65	
10th „ .	Takada .	15-16	93	
„ „ .	Shahjehan .	16-17	93	
10th-11th December.	Ethiopia .	17-18	93-92	Force 12.

Temperature.

At the beginning of the year temperature was above normal over most of the country to the east of a line joining Bombay and Lahore, and a cold wave was entering north-west India from the west; this extended gradually eastwards so that on the 4th January temperature was low over most of northern and central India. A recovery, however, began in northwest India the same day and restored normal temperatures nearly everywhere by the 8th. In the central parts of the country temperature was again low on the 11th and 12th, while a feeble wave of high temperature which appeared in northwest India on the 13th reached Assam on the 22nd in front of a western disturbance: the cold wave following this disturbance crossed the north-west frontier on the 19th and spread over north-west India and Bombay in the next two days; it became much less marked while passing over the Central Provinces and finally disappeared over Orissa and the north Madras coast on the 27th. Low temperatures were again recorded in the Punjab and the North-West Frontier Province between the 26th and 28th, and had extended to the Central Provinces at the close of the month; in the next two days they spread eastwards to Upper Burma. On the mean of the month maximum temperature was below normal in the Punjab and the surround-

ing divisions, the central parts of the country and Hyderabad; the minimum was below normal in Orissa, but above normal in the Bombay Deccan, Hyderabad, and parts of Assam and of the United Provinces.

In the month of February a cold wave appeared in north-west India on the 2nd, and extending rapidly had embraced practically the whole country excluding the southern half of the Peninsula by the 5th: there was then a recovery in northwest India, but in the Central Provinces and the north of the Peninsula temperature continued low till the 11th. In parts of northwest India temperature rose above normal between the 8th and 12th, and the high temperatures intensified in the next two days, so that on the 14th mean temperature was 8° to 16° above normal in northwest India. They then spread rapidly over the rest of India, and during the remainder of the month temperature was with occasional local exceptions generally high over the whole country excluding parts of Madras and Burma. The highest maxima recorded during the month were 102° at Akola, 101° at Khandwa and 100° at Calingapatam, Cuttack and Cuddapah: at the first three stations the previous records were broken. The mean maximum temperature of the month was above normal over the whole of northern and central India exclud-

ing the western frontier; the mean minimum temperature was generally high to the west of a line joining Bombay to Benares, but was low in Orissa.

The month of March was characterised generally by high temperatures except in the first week. The first disturbance of the month was preceded by a well marked wave of high temperature between the 2nd and 4th; the cold wave which entered northwest India in its rear on the 3rd extended southwards as far as Hyderabad and eastwards up to Bihar in the next two days, and had spread over Bengal also by the 8th. On the 9th, however, a warm wave appeared on the northwest frontier and advanced eastwards wiping out the low temperatures in northern India and reached Assam on the 14th. This was followed by two more warm waves which appeared on the frontier on the 16th and 22nd respectively. The excess was more marked in the maximum temperature than in the minimum; for while the former was on the mean of the month above the average in the tract of country extending from the east Punjab and Rajputana to Upper Burma, the latter was roughly normal nearly everywhere.

During April there were two well marked spells of low temperatures, one between the 10th and 13th in the tract of country extending from the east Punjab and east Rajputana to northeast India, and the other in Burma from the 20th to 25th; the latter was the result of the heavy rain given by a storm from the Bay, and the deficiency in the maximum ranged from 20° to 30° at Minbu, Yamethin and Lashio between the 21st and 23rd. Temperature was also slightly below normal in northwest India on the 16th and 17th. On the contrary high temperatures were recorded in parts of northeast India and Upper Burma in the first week, while over the rest of northern India there were occasional local hot spells in the next two weeks; between the 24th and 26th temperature was high over the whole of northern India, but in the next two days high temperatures were limited to the United Provinces and north-east India. The mean maximum temperature of the month was below normal in central Burma; in Assam, north Bengal, Bihar, Baluchistan, Upper Sind and west Rajputana both maximum and minimum temperatures were above the average.

In the first three days of May temperature was locally high in northwest India and low in Burma; on the 5th there was a rapid fall of temperature in north-west India behind the first western disturbance of the month, and the low temperatures persisted there till the 13th; very low maximum temperatures were recorded in the first few days, the deficiency being 26° at Dera Ismail Khan on the 5th, and ranging from 15° to 20° till the 9th at many stations in Baluchistan, the North-West Frontier Province and Kashmir. Low temperatures were again recorded in northwest India between the 25th and 27th. There was a short spell of high temperature along the foot of the central and eastern Himalayas between the 4th and 6th, while the high temperature which appeared in northeast India on the 10th intensified and extended from the United Provinces to Upper Burma by the 13th; they extended further westwards in the next few days and embraced the whole of northern India between

the 17th and 20th. Owing to widespread rain temperature fell to the normal over most of north-east India in the next three days, but high temperatures again reappeared there on the 25th and had at the close of the month shifted slightly westwards to the United and Central Provinces. At the close of the month temperature was high along the northwest frontier and very low in Hyderabad, where Nizamabad and Gulbarga recorded maxima 24° and 23° below normal respectively. On the mean of the month both maximum and minimum temperatures were above normal from the east United Provinces to Upper Burma, and below normal from Baluchistan to Kashmir.

The early beginning of the monsoon rains in the interior of the Peninsula had produced low temperatures there at the close of May: owing to the strengthening and rapid extension of the monsoon into the United Provinces and northeast India, the low temperatures extended over the whole of India excluding Assam and the south of the Peninsula in the first four days of June; very low temperatures were recorded from the east Punjab to Bihar and Orissa, the greatest deficiency in the maximum being 28° at Hissar on the 2nd and that in the minimum 19° at Jhansi on the 3rd. With the weakening of the monsoon generally and the consequent recovery of temperature, the low temperatures were confined to the Gangetic plain on the 5th and 6th, and to a narrow strip of country extending from the Central Provinces to the southwest Punjab between the 7th and 9th. In the next three days temperature rose above normal in parts of the United and Central Provinces, and between the 14th and 21st high temperatures prevailed uninterruptedly over the Punjab and the surrounding divisions, and occasionally extended to the central parts of the country. But in the last week temperature was generally below normal in the Punjab and the North-West Frontier Province. In northeast India and the east of the United Provinces, there were two spells of low temperatures between the 13th and 15th, and 19th and 21st: while from the 22nd to 24th temperature was low in the United Provinces, the Central Provinces and Bihar. On the mean of the month maximum temperature was below normal from the Punjab to deltaic Bengal, and above normal in Upper Burma; the minimum was in defect in east Rajputana, the west of the Central Provinces and the south-east Punjab.

In the month of July temperature was high along the frontier from Baluchistan to Kashmir except when occasionally brought down by the extension of monsoon rainfall there; on the 25th the excess in mean temperature was as much as 12° in places. These high temperatures extended over the greater part of north-west India between the 8th and 15th. Over the rest of the country there were occasional local spells of high and low temperatures chiefly determined by the distribution of rainfall; of these the low temperatures over the north of the Peninsula between the 20th and 22nd are worth mentioning. On the mean of the month both maximum and minimum temperatures were above normal in the North-West Frontier Province, Baluchistan and Sind; the maximum alone was in excess in west Rajputana and north Gujarat, and in defect over most of the United Provinces.

During August the noteworthy spells of low temperatures were the two that occurred in the Punjab and the surrounding divisions in the first three days of the month and on the 20th and 21st, and those over the United Provinces between the 4th and 11th, and the 24th and 26th. On the other hand high temperatures were recorded between the 7th and 18th in the extreme north, and in the last four days of this period extended over the whole of the Punjab, the North-West Frontier Province and Kashmir; on the north Madras coast temperature was above normal between the 4th and 13th, and the high temperatures occasionally extended into the interior of the Peninsula. On the mean of the month maximum temperature was below normal in the United Provinces and Central India East, and above it in Hyderabad and on the north Madras coast; in the north of the Punjab and of the North-West Frontier Province both maximum and minimum temperatures were above normal.

In Gujarat and Rajputana widespread rainfall associated with a storm from the Bay caused low temperatures on the 6th September; these extended over the greater part of north-west India in the next two days and disappeared on the 9th. Temperature was high along the frontier on the 12th and 13th, but the appearance of a western disturbance on the 14th which caused an extension of the monsoon there brought the temperature below normal in the Punjab and the surrounding divisions. During the rest of the month this disturbance controlled the distribution of temperature in northern India as it did that of rainfall. The low temperatures in the Punjab gradually extended over the whole of north-west India; and with the eastward movement of the depression they spread eastwards on the 19th, and till the 22nd temperature was low from the Punjab to Bihar. After this date temperature recovered in these areas, but fell below normal in northeast India, where low temperatures persisted from the 23rd to 27th. On the mean of the month maximum temperature was below normal over the greater part of northwest India, the United Provinces and the central parts of the country, but was above normal in the Madras Deccan and on the Coromandel coast; the minimum was above the average in Sind, Baluchistan, the North-West Frontier Province and Kashmir.

On the 6th October there was a rapid fall of temperature over the greater part of north-west India in the rear of a western disturbance, very low temperatures being recorded in the extreme north; the deficiency in the maximum that day was 26° at Cherat, and 22° at Peshawar and Sialkot. These low temperature persisted over most of north-west India till the 9th; in the next three days they were confined there to the foot of the hills, but had extended into the United and Central Provinces; thereafter they moved into northeast India and disappeared on the 14th. The next cold wave appeared on the northwest frontier on the 16th, and disappeared on the 21st without extending further east

than the United Provinces. In south-east Madras low temperatures were occasionally recorded after the setting in of the northeast monsoon in the second fortnight. On the mean of the month maximum temperature was below normal in the Punjab, Kashmir, the North-West Frontier Province and Sind: the minimum was low in Bihar and Orissa and locally in Central India East, the west of the Central Provinces and north Gujarat; but was high along the upper Sind frontier.

During the month of November temperature was low in the area including east Gujarat, east Rajputana and the west of Central India and of the Central Provinces on the 7th and 8th. On the 16th and 17th low temperatures were recorded over most of northern and central India; and in the next three days the area of low temperature covered practically the whole of the Peninsula and extended northwards to the foot of the Himalayas. These low temperatures passed away on the 21st, and during the next week temperature was generally above normal in the north of the Peninsula and the central parts of the country. In Upper Burma and Assam high temperatures were recorded locally between the 10th and 15th. On the mean of the month maximum temperature was below normal and the minimum above normal generally in the Central Provinces and the north of the Peninsula.

In December locally high temperatures were recorded in northern India in front of a western disturbance between the 10th and 12th; with the appearance of the cold wave behind the disturbance in north-west India on the 13th, the high temperatures were confined to northeast India and disappeared on the 15th. On the 14th and 15th the cold wave extended over northwest India and the central parts of the country; but it weakened afterwards, for low temperatures were confined to the strip of country extending from Gujarat to Orissa in the next two days and disappeared on the 18th. The second cold wave of the month entered northwest India on the 22nd, and intensifying next day extended over the whole country excluding the south of the Peninsula and the eastern portions of northeast India by the 26th. Temperature began to rise in northern India on the 27th and the low temperatures which were gradually pushed towards the south of the Peninsula disappeared there at the close of the month. On the mean of the month maximum temperature was below normal and the minimum above it in the Punjab and the submontane districts of the United Provinces. Both maximum and minimum temperatures were locally below normal in the central parts of the country and the north of the Peninsula.

The highest maximum temperature of the year was 120° recorded at Jacobabad and Khushab on the 24th May and 19th June respectively: on the latter date and the 16th July the thermometer rose to 119° also at Peshawar.

TABLE 3.—*Monthly and annual means of maximum and minimum temperatures*

Division.	JANUARY.				FEBRUARY.				MARCH.				APRIL.				MAY.				JUNE.			
	Maximum.		Minimum.		Maximum.		Minimum.		Maximum.		Minimum.		Maximum.		Minimum.		Maximum.		Minimum.		Maximum.		Minimum.	
	Actual.		Departure.		Actual.		Departure.		Actual.		Departure.		Actual.		Departure.		Actual.		Departure.		Actual.		Departure.	
	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
Burma . . .	88.9	+0.6	80.9	+1.1	87.6	+0.6	82.5	-0.5	92.0	+0.2	69.2	+1.0	93.4	-1.7	75.0	+0.8	93.0	+1.0	76.5	+0.9	88.7	+1.1	76.0	+0.5
	63.2				62.9				74.7				79.6				87.3				82.0			
Assam . . .	73.6	+0.4	52.7	+1.9	80.5	+3.2	53.3	+0.9	87.2	+3.6	62.2	+1.2	89.9	+4.3	69.4	+1.7	89.6	+1.9	73.0	+1.4	88.0	-0.4	76.0	+0.2
	66.8				71.2				80.1				85.7				86.8				82.8			
Bengal . . .	78.4	+1.0	55.3	+0.8	84.6	+3.0	57.7	-0.2	92.9	+3.3	67.3	+0.5	96.3	+2.2	75.1	+1.4	96.3	+3.9	77.4	+1.8	88.4	-1.6	77.2	-0.3
	65.0				76.5				80.2				88.2				92.0				85.0			
Bihar and Orissa .	77.0	-0.3	53.0	-0.5	84.4	+3.5	56.6	0	94.9	+3.5	65.4	+0.4	101.0	+1.8	75.5	+1.6	103.9	+3.1	80.0	+2.2	92.1	-3.2	78.0	-0.9
United Provinces .	71.0	-1.6	49.3	+1.8	80.9	+3.5	53.2	+2.4	92.1	+2.3	61.1	+0.5	101.5	+1.0	72.3	+1.3	108.1	+3.1	79.2	+0.7	89.5	-1.9	88.8	-1.0
Punjab . . .	65.6	-2.0	43.3	+1.0	73.7	+2.5	48.2	+2.7	85.7	+2.6	56.8	+1.3	95.9	+0.5	67.9	+1.6	104.3	-0.2	74.3	-1.3	103.8	-2.4	81.0	-0.6
North-West Frontier Province.	62.3	-3.5	40.9	+0.9	67.9	-0.7	46.1	+2.7	79.9	+1.3	54.1	+0.7	90.7	+1.3	63.7	+1.0	98.9	-2.1	70.9	-1.3	107.3	+0.5	79.7	+0.5
Sind . . .	72.0	-3.0	51.9	+1.1	78.2	-0.7	55.1	+0.6	89.3	+1.0	64.7	+1.4	98.5	+2.8	73.1	+1.2	101.8	-0.8	77.5	-0.8	100.7	-1.1	83.6	+0.5
Rajputana . . .	73.0	-1.7	47.7	-0.2	82.7	+4.0	54.6	+3.1	92.2	+2.2	62.5	-0.4	101.4	+1.2	74.0	+0.7	106.4	-0.3	79.4	-2.0	103.5	-1.1	82.3	-1.4
Bombay . . .	83.2	-0.5	58.6	+0.9	87.6	+1.2	61.8	+1.8	93.3	+0.9	66.7	+0.1	97.3	+1.1	74.5	+1.3	98.5	+0.5	76.9	+0.1	92.6	0	77.3	+0.3
Central India . . .	73.8	-2.6	49.2	+0.9	83.7	+3.2	54.1	+2.5	93.5	+2.1	61.1	+0.2	101.3	+0.6	71.6	+0.7	106.5	+1.5	78.2	-0.1	99.1	+0.1	78.8	-0.8
Central Provinces .	79.5	-2.1	54.5	+1.0	87.9	+2.1	58.6	+1.7	97.0	+1.6	65.7	-0.1	103.5	+0.6	75.2	+1.1	106.8	+0.9	80.8	+1.1	96.6	-0.5	76.9	-0.9
Hyderabad . . .	84.0	-1.9	62.0	+2.2	90.4	+0.1	63.7	+0.3	99.3	+1.5	70.3	-0.4	103.8	+1.3	77.3	+1.0	105.1	+0.6	79.8	+0.4	94.8	-0.9	75.2	-0.9
Mysore . . .	83.2	+0.2	60.3	+1.5	87.4	-0.4	62.0	+0.2	93.8	+1.1	66.6	+0.5	95.2	+1.0	70.1	+0.5	90.9	+0.7	69.4	+0.1	84.8	+0.6	67.4	-0.4
Madras . . .	84.8	-0.6	68.1	+0.9	88.5	-0.5	68.7	-0.8	93.8	+0.8	73.6	+0.3	95.9	+0.1	78.2	+0.6	96.7	-0.7	79.3	-0.2	94.5	+0.3	78.2	+0.1

with their departures from normal in the 15 chief political divisions of India.

JULY.				AUGUST.				SEPTEMBER.				OCTOBER.				NOVEMBER.				DECEMBER.				YEAR.			
Maximum.		Minimum.		Maximum.		Minimum.		Maximum.		Minimum.		Maximum.		Minimum.		Maximum.		Minimum.		Maximum.		Minimum.		Maximum.		Minimum.	
Actual.	Departure.	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.
80.3	-0.5	75.8	+0.3	85.6	-0.8	75.5	+0.2	86.6	-0.6	75.3	+0.1	87.5	-0.3	74.1	+0.2	84.6	-0.5	70.2	+1.7	81.2	-1.2	63.2	+1.0	87.5	-0.2	71.2	+0.6
82.7				82.6				82.3				78.7				71.7				64.3				75.8			
88.7	-0.3	77.1	-0.2	88.1	-0.3	77.0	-0.2	88.4	-0.1	76.2	-0.1	86.1	-0.3	70.1	-1.0	82.5	+1.0	60.9	-0.1	76.2	+0.7	51.8	-0.2	84.9	+1.1	66.6	+0.5
83.4				82.8				82.6				75.2				73.7				67.2				75.5			
88.3	+0.1	78.6	+0.7	87.4	-0.3	78.1	+0.2	87.6	-0.5	77.7	+0.1	86.3	-1.2	72.1	-1.3	83.3	+0.4	64.1	+0.3	77.8	+0.3	56.1	+0.9	87.3	+0.9	69.7	+0.4
83.2				82.5				82.1				76.2				71.7				64.4				75.5			
88.5	-1.0	78.0	-0.2	87.5	-0.9	77.5	-0.3	87.5	-1.6	76.7	-0.4	87.3	-1.2	69.1	-2.1	82.5	-0.4	60.9	+0.3	76.4	-0.6	53.1	0	88.6	+0.2	68.7	0
90.8	-1.8	79.1	-0.4	87.5	-2.0	77.7	-0.6	89.0	-2.5	70.6	+0.2	89.9	-1.0	65.5	-1.2	82.1	-1.1	55.1	-0.2	72.7	-2.2	49.1	+1.3	88.8	-0.4	67.3	+0.4
100.5	+1.1	81.7	+0.7	97.3	+0.7	80.5	+0.8	92.9	-3.6	75.5	+0.6	89.9	-3.5	61.9	-0.2	81.7	-1.1	49.5	-0.8	69.2	-2.5	45.4	+2.4	88.4	-0.7	63.8	+0.7
108.7	+5.9	82.7	+1.9	101.8	+1.7	81.3	+1.7	95.6	-2.1	75.1	+2.3	87.4	-3.6	60.9	+1.4	78.5	-1.5	47.7	+0.5	66.1	-3.6	43.0	+3.1	87.1	-0.5	62.2	+1.3
99.6	+1.0	84.4	+2.5	93.9	-1.4	79.7	+0.2	93.7	-1.9	78.3	+2.3	91.9	-2.7	69.1	+0.4	86.2	-0.8	58.6	-0.5	76.5	-1.5	54.4	+2.3	90.2	-0.8	69.2	+0.9
93.8	+0.8	80.3	+0.1	91.1	-1.0	76.8	-1.2	90.9	-3.1	75.2	-0.6	94.1	-0.8	66.4	-1.2	86.0	-0.8	56.3	-0.9	77.0	-0.5	49.1	-1.3	91.3	-0.1	67.1	-0.4
86.8	-0.2	75.2	-0.3	85.1	-0.4	74.1	-0.1	85.8	-1.3	73.1	0	81.6	+0.8	69.9	-0.4	87.1	-1.4	65.5	+1.6	83.1	-1.7	57.9	-1.3	89.3	-0.1	69.3	+0.3
86.7	-1.3	75.4	-0.4	84.0	-1.4	73.8	-0.5	85.3	-2.4	73.2	+0.5	88.9	-0.5	62.9	-1.7	81.4	-1.7	55.4	+1.3	75.3	-1.9	47.4	-0.8	88.3	-0.4	65.1	+0.1
86.1	-1.2	74.0	0	85.1	+0.1	73.0	-0.2	85.3	-1.7	72.3	0	88.9	+0.4	65.3	-1.2	81.6	-2.3	60.3	+2.4	78.4	-1.6	50.8	-1.5	89.6	-0.3	67.2	+0.3
87.5	-1.0	72.6	-0.5	89.5	+2.6	72.8	+0.5	87.8	+0.7	71.9	0	89.2	-0.4	68.9	-0.3	83.5	-2.5	66.5	+3.6	82.7	-1.1	55.9	-2.1	91.5	-0.1	69.7	+0.3
80.0	-0.9	66.6	0	81.5	+0.1	66.4	+0.1	83.0	+0.5	65.6	-0.2	82.9	-0.3	66.1	+0.1	80.0	-1.3	64.7	+2.1	79.3	-1.2	57.3	-1.6	85.2	-0.1	65.2	+0.2
91.1	-0.2	76.9	+0.3	91.8	+1.3	76.5	+0.5	91.2	+1.0	76.2	+0.6	88.3	-0.6	74.3	0	85.4	-0.5	72.4	+1.5	84.0	-0.3	66.0	-1.6	90.5	0	74.0	+0.2

TABLE 4.—Monthly and annual means of maximum and minimum temperatures

Sub-Division.	JANUARY.				FEBRUARY.				MARCH.				APRIL.				MAY.				JUNE.			
	Maximum.		Minimum.		Maximum.		Minimum.		Maximum.		Minimum.		Maximum.		Minimum.		Maximum.		Minimum.		Maximum.		Minimum.	
	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.
1. Bay Islands .	84.0	-2.4	74.9	-0.7	85.2	-2.7	73.8	-1.3	87.4	-3.2	74.4	-2.0	88.1	-1.2	77.4	-1.4	87.3	-1.4	77.6	-0.9	85.6	-0.3	77.1	-0.7
2. Lower Burma .	86.3	+0.8	66.4	+1.5	88.5	+0.3	67.7	+0.5	90.5	-1.1	71.6	+0.5	91.7	-2.3	76.1	+0.1	89.8	-0.3	76.3	+0.2	86.0	+0.1	75.6	+0.3
3. Upper Burma .	80.8	+0.3	53.8	+0.6	86.3	+1.0	55.0	-1.7	94.1	+1.4	65.7	+1.5	95.8	-1.2	73.2	+1.3	97.7	+2.3	76.6	+1.6	92.6	+2.1	76.5	+0.8
4. Assam .	73.6	+0.4	52.7	+1.9	80.5	+3.2	53.3	+0.9	87.2	+3.6	62.2	+1.2	89.9	+4.3	69.4	+1.7	89.6	+1.9	73.0	+1.4	88.0	-0.4	76.0	+0.2
5. Bengal .	78.4	+1.0	55.3	+0.8	84.6	+3.0	57.7	-0.2	92.9	+3.3	67.3	+0.5	96.3	+2.2	75.1	+1.4	96.3	+3.9	77.4	+1.8	88.4	-1.6	77.2	-0.3
6. Orissa .	80.5	-1.2	56.5	-2.3	87.6	+2.0	59.7	-2.8	97.5	+3.8	70.4	-0.3	100.2	+2.0	77.3	+0.9	101.8	+1.4	81.0	+1.8	92.0	-1.4	78.1	-0.7
7. Chota Nagpur .	77.0	-0.3	50.9	-0.5	85.0	+4.5	55.9	+1.4	95.6	+4.3	64.0	+1.6	100.7	+0.6	75.3	+1.8	105.9	+3.0	80.0	+3.4	93.7	-5.8	77.1	-1.7
8. Bihar .	74.5	+0.5	51.7	+0.9	82.1	+3.7	54.9	+1.1	93.0	+2.8	63.0	+0.3	101.6	+2.3	74.4	+2.0	104.2	+4.5	79.3	+1.9	91.4	-3.9	78.3	-0.9
9. United Provinces, East.	72.1	-1.1	50.1	+2.3	81.9	+3.7	53.5	+2.3	92.9	+2.3	61.5	+0.7	102.4	+1.6	72.5	+1.4	108.5	+4.1	79.8	+1.7	98.2	-2.1	80.4	-0.9
10. United Provinces, West.	69.6	-2.3	48.4	+1.1	79.7	+3.1	52.9	+2.7	91.1	+2.2	60.5	+0.2	100.6	+0.5	72.0	+1.2	107.5	+1.9	78.5	-0.5	100.9	-1.6	81.2	-1.2
11. Punjab, East and North.	65.2	-2.1	43.9	+1.1	74.1	+2.9	49.2	+2.7	85.3	+2.9	57.2	+1.1	95.9	+0.6	67.7	+1.6	104.4	+0.7	74.4	-0.8	102.7	-2.4	80.2	-0.6
12. Punjab, South-West.	66.5	-1.8	42.3	+0.7	73.0	+0.8	46.2	+2.5	85.6	+1.5	56.0	+2.0	96.1	+0.2	68.1	+1.7	104.1	+2.1	74.2	-2.5	105.8	-2.5	82.5	-0.5
13. Kashmir .	31.4	-2.6	14.3	-0.3	43.5	+1.8	24.8	+4.6	49.1	0	30.3	+2.3	59.0	-0.7	37.9	-0.1	71.2	-3.4	48.0	-1.5	81.6	+0.9	55.6	+1.2
14. North-West Frontier Province.	62.3	-3.5	40.9	+0.9	67.9	-0.7	46.1	+2.7	79.9	+1.3	54.1	+0.7	90.7	+1.3	63.7	+1.0	98.9	-2.1	70.9	-1.3	107.3	+0.5	79.7	+0.5
15. Baluchistan .	58.5	-0.9	36.6	-0.1	61.8	-0.7	37.9	-0.5	72.4	+2.0	47.2	+1.3	85.2	+4.0	56.4	+3.2	88.8	-3.5	60.7	-2.5	99.9	+2.1	71.1	+2.5
16. Sind .	72.0	-3.0	51.9	+1.1	78.2	-0.7	55.1	+0.6	89.3	+1.0	64.7	+1.4	98.5	+2.8	73.1	+1.2	101.8	-0.8	77.5	-0.8	100.7	-1.1	83.6	+0.5
17. Rajputana, West	73.5	-0.4	47.5	+0.3	82.5	+4.2	54.5	+4.0	92.3	+2.4	62.7	-0.7	102.5	+2.1	74.5	+0.7	106.5	-0.4	79.5	-2.1	105.1	-0.8	83.7	-0.4
18. Rajputana, East	72.7	-2.1	47.7	-0.4	82.8	+3.9	54.8	+2.7	92.1	+2.3	62.4	-0.1	100.7	+0.5	73.7	+0.7	106.2	-0.2	79.4	-1.9	102.4	-1.3	81.4	-2.0
19. Gujarat .	81.0	-0.8	54.1	-0.4	86.0	+1.5	59.1	+1.9	92.8	+0.8	64.8	+0.3	99.3	+1.6	74.0	+1.5	100.0	+0.4	77.2	-0.6	96.8	+0.4	80.7	+0.9
20. Central India, West.	76.0	-2.3	49.3	+0.3	85.5	+3.8	55.1	+3.4	94.1	+2.5	61.7	+0.9	100.9	+0.9	71.3	+0.9	104.5	+1.1	76.6	-0.2	97.1	+0.1	75.9	-0.7
21. Central India, East.	71.6	-2.8	49.1	+1.6	81.9	+2.6	53.1	+1.7	92.9	+1.7	60.5	-0.4	101.9	+0.3	71.9	+0.4	108.5	+2.0	79.7	-0.1	100.9	-0.4	81.6	-0.9
22. Berar .	82.5	-1.5	58.2	+1.2	90.1	+1.4	62.3	+3.1	98.3	+1.5	68.3	0	104.3	+0.9	77.2	+1.5	106.4	+0.6	81.1	+1.4	96.8	+0.4	78.3	0
23. Central Provinces, West.	77.6	-2.6	52.7	+0.7	86.9	+2.2	57.5	+2.0	96.2	+1.7	64.1	0	103.8	+0.6	74.1	+0.9	107.3	+0.9	80.5	+0.8	97.3	-0.9	76.7	-1.7
24. Central Provinces, East.	80.0	-1.8	54.5	+1.2	87.7	+2.4	57.5	+0.6	97.3	+1.6	66.0	-0.4	103.1	+0.3	75.5	+1.0	106.5	+1.4	80.9	+1.6	95.5	-0.6	77.5	-0.2
25. Konkan .	85.9	+0.7	69.0	+1.5	87.3	+2.3	70.0	+1.7	88.3	+1.5	73.5	+0.3	90.7	+1.4	78.7	+0.9	91.0	+0.7	80.5	+0.2	86.0	-0.7	77.3	-0.5
26. Bombay Deccan	84.6	-0.8	58.2	+2.5	90.2	0	60.3	+1.8	97.4	+0.6	65.1	-0.3	99.3	-0.1	71.4	+1.3	101.2	+0.5	74.0	+1.0	90.7	-0.2	72.0	-0.2
27. Hyderabad, North	83.1	-2.3	59.1	+3.3	90.2	+0.4	61.9	+2.3	98.9	+2.1	67.9	-1.2	104.2	+1.4	76.2	+1.5	105.5	+0.3	79.5	+1.3	92.7	-2.1	73.9	-1.7
28. Hyderabad, South	84.5	-1.8	63.5	+1.7	90.5	-0.1	64.5	-1.0	99.5	+1.4	71.5	-0.2	103.5	+1.3	77.9	+0.7	104.9	+0.7	80.0	0	95.5	-0.5	76.1	-0.6
29. Mysore .	83.2	+0.2	60.3	+1.5	87.4	-0.4	62.0	+0.2	93.6	+1.1	66.6	+0.5	95.2	+1.0	70.1	+0.5	99.9	-0.7	69.4	+0.1	84.8	+0.6	67.4	-0.4
30. Malabar .	87.1	-0.3	71.9	+1.1	88.3	+0.2	73.7	+0.7	89.9	+0.5	77.3	+1.4	90.1	-0.3	78.8	+0.6	87.8	-1.7	77.1	-0.9	83.7	-0.9	74.8	-0.1
31. Madras, South-east.	84.9	-0.6	68.7	+0.7	87.8	-1.4	68.4	-0.8	94.3	+0.7	72.2	-0.4	96.8	+0.2	77.7	+0.5	97.7	-1.9	78.3	-0.5	96.9	+0.4	78.1	+0.2
32. Madras Deccan.	87.3	-1.3	65.3	+1.8	93.5	-1.3	66.3	-0.9	101.3	+0.3	73.8	+1.0	104.3	+0.1	79.1	+0.7	104.6	0	80.6	0	97.9	+0.5	78.0	+0.2
33. Madras Coast, North.	81.8	-0.7	66.1	+0.8	87.3	+1.0	66.8	-2.0	91.9	+1.4	73.2	+0.1	93.9	+0.4	78.4	+0.7	97.0	+0.6	81.8	+0.9	95.9	+0.9	80.8	+0.1

with their departures from normal in the 33 sub-divisions of India.

	JULY.				AUGUST.				SEPTEMBER.				OCTOBER.				NOVEMBER.				DECEMBER.				YEAR.			
	Maximum.		Minimum.		Maximum.		Minimum.		Maximum.		Minimum.		Maximum.		Minimum.		Maximum.		Minimum.		Maximum.		Minimum.		Maximum.		Minimum.	
	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.
1	84.3	-1.1	76.4	-1.1	84.3	-0.9	76.6	-0.6	84.1	-0.8	75.5	-1.1	85.6	-1.0	76.4	-0.5	84.2	-2.4	75.8	-1.2	82.9	-2.9	75.2	-1.3	85.3	-1.9	75.9	-1.1
2	83.7	-0.9	75.3	+0.1	83.5	-1.1	75.3	+0.1	84.5	-0.9	75.5	+0.1	87.3	+0.8	75.3	+0.1	86.0	-0.1	73.0	+1.1	83.7	-0.9	67.8	+1.0	86.8	-0.5	73.0	+0.5
3	89.7	0	76.4	+0.7	88.6	-0.6	75.8	+0.4	80.6	-0.3	75.1	+0.2	87.2	-1.5	72.4	+0.4	82.6	-1.1	66.2	+2.3	77.6	-1.6	56.6	+1.1	88.5	+0.1	68.6	+0.8
4	88.7	-0.3	77.1	-0.2	88.1	-0.3	77.0	-0.2	88.4	-0.1	76.2	-0.1	86.1	-0.3	70.1	-1.0	82.5	+1.0	60.9	-0.1	76.2	+0.7	51.8	-0.2	84.0	+1.1	66.6	+0.5
5	88.3	+0.1	78.6	+0.7	87.4	-0.3	78.1	+0.2	87.6	-0.5	77.7	+0.1	86.3	-1.2	72.1	-1.3	83.3	+0.4	64.1	+0.3	77.8	+0.3	56.1	+0.9	87.3	+0.9	69.7	+0.4
6	87.8	-0.7	77.7	-0.6	87.9	0	77.6	-0.4	87.6	-1.5	77.3	-0.6	87.8	-1.2	71.6	-1.9	84.2	-0.3	65.2	+1.5	80.0	-0.2	56.0	-1.1	89.6	+0.2	70.7	-0.5
7	88.3	-0.8	76.1	-0.2	86.7	-0.9	75.3	-0.4	85.8	-2.1	74.0	-0.7	86.0	-1.5	65.4	-2.6	81.1	-0.7	57.5	-0.1	75.5	-0.9	50.0	-0.4	88.4	-0.1	60.8	+0.1
8	89.2	-1.3	79.2	+0.2	87.7	-1.6	78.5	-0.1	88.1	-1.5	77.7	0	87.5	-1.0	69.5	-2.1	82.2	-0.3	59.9	-0.4	74.7	-0.8	52.8	+1.3	88.0	+0.3	68.3	+0.3
9	90.0	-2.2	79.1	-0.4	87.7	-2.2	77.9	-0.7	89.4	-1.8	77.4	+0.4	89.8	-0.6	66.5	-1.0	82.4	-0.7	56.3	+0.6	73.4	-1.7	49.8	+1.7	89.1	-0.1	67.1	+0.7
10	91.6	-1.4	79.2	-0.3	87.3	-3.0	77.4	-0.6	88.5	-3.4	75.6	0	90.1	-1.5	61.2	-1.5	81.9	-1.6	53.5	-1.1	71.8	-2.8	48.4	+0.8	88.4	-0.8	66.0	+0.1
11	93.1	+0.9	80.3	+0.5	95.4	+1.1	79.5	+1.0	90.8	-3.9	74.6	+0.5	88.8	-3.6	60.6	-0.7	80.9	-1.2	48.4	-1.1	68.8	-2.5	45.4	+2.3	87.6	-0.5	63.5	+0.6
12	105.3	+1.6	84.6	+1.2	101.0	-0.3	82.4	+0.4	97.2	-2.7	77.2	+1.0	92.0	-3.3	64.2	+1.0	83.3	-0.9	51.3	-0.1	70.0	-2.3	45.5	+2.7	90.0	-1.0	64.5	+0.8
13	84.3	+0.5	60.3	+0.2	84.6	+1.1	63.4	+0.5	77.7	+1.1	54.5	+2.8	66.0	-2.7	39.7	-1.7	57.9	-0.3	28.3	-2.7	44.4	+0.3	23.9	+1.1	62.6	-0.3	39.9	+0.5
14	108.7	+5.9	82.7	+1.9	101.8	+1.7	81.3	+1.7	95.6	-2.1	75.1	+2.3	87.4	-3.6	60.9	+1.4	78.5	-1.5	47.7	+0.5	66.1	-3.6	43.0	+3.1	87.1	-0.5	62.2	+1.3
15	101.5	+2.5	74.5	+2.1	96.8	+0.4	63.5	-0.3	93.2	+2.2	63.8	+5.1	83.8	-0.3	52.1	+1.5	74.6	+0.1	41.7	-0.6	65.6	+1.7	38.3	+0.2	81.8	+0.8	54.1	+1.0
16	99.6	+1.0	84.4	+2.5	93.9	-1.4	79.7	+0.2	93.7	-1.9	78.3	+2.3	91.9	-2.7	69.1	+0.4	80.2	-0.8	58.6	-0.5	76.5	-1.5	54.4	+2.3	90.2	-0.8	69.2	+0.9
17	101.5	+2.1	82.1	+0.3	95.1	-0.3	78.5	-1.1	94.0	-2.5	76.4	-0.7	95.9	-0.6	67.7	-1.7	88.2	+0.7	57.5	-1.4	77.9	+0.5	50.0	-1.5	92.9	+0.6	67.9	-0.4
18	93.6	-0.1	79.1	+0.1	88.5	-1.5	75.8	-1.3	88.8	-3.5	74.5	-0.4	92.9	-1.0	65.6	-0.9	84.6	-1.8	55.5	-0.6	76.4	-1.2	48.5	-1.1	90.1	-0.5	66.5	-0.4
19	91.1	+1.1	78.1	-0.3	86.6	-0.9	76.2	-0.4	86.7	-3.2	75.0	-0.1	93.8	-0.1	69.9	-1.2	90.0	-0.4	63.6	+0.1	82.8	-1.5	56.2	-1.1	90.6	-0.1	69.1	+0.1
20	85.8	-0.7	73.7	+0.2	83.5	-0.3	71.7	-0.3	84.3	-2.3	71.0	+0.5	90.4	+0.6	62.5	-1.3	82.5	-1.7	56.1	+1.6	77.2	-1.9	47.9	-1.5	88.5	0	64.4	+0.3
21	87.7	-1.7	77.1	-1.0	84.5	-2.5	75.9	-0.7	86.3	-2.6	76.4	+0.5	87.3	-1.7	63.3	-2.1	80.3	-1.5	54.6	+1.1	73.3	-1.9	46.9	-0.1	88.1	-0.7	65.8	0
22	85.7	-1.2	73.5	+0.5	85.5	+0.5	72.2	+0.3	85.1	-1.6	71.7	+0.3	90.9	+1.3	67.2	-0.2	82.3	-3.2	62.3	+2.1	81.5	-0.7	53.8	-1.9	90.8	-0.1	68.7	+0.7
23	85.2	-1.3	74.3	-0.3	84.7	-0.1	72.9	-0.7	85.5	-1.7	72.2	-0.2	89.4	+0.4	64.0	-1.7	81.7	-2.2	58.6	+2.3	77.6	-1.7	49.4	-1.5	89.4	-0.4	66.4	+0.1
24	84.5	-1.0	74.1	+0.3	85.3	0	73.7	+0.2	85.1	-1.7	72.9	+0.1	86.6	-0.7	65.9	-1.3	80.9	-1.9	61.3	+2.9	77.3	-2.1	50.5	-0.9	89.1	-0.3	67.5	+0.4
25	82.6	-1.1	75.6	-0.6	82.7	-0.7	75.7	0	83.2	-0.5	75.1	0	88.3	+1.5	75.0	0	87.3	-0.7	73.2	+1.7	84.9	-1.9	67.3	-0.7	86.5	+0.2	74.3	+0.4
26	83.0	-1.5	70.7	-0.1	84.6	+0.4	69.9	+0.3	86.3	+0.9	68.9	+0.1	90.3	+1.7	66.6	+0.1	82.7	-3.3	62.9	+3.5	82.3	-1.7	53.4	-1.8	89.4	-0.3	66.1	+0.7
27	85.5	-2.1	71.6	-0.5	87.6	+2.1	71.1	+0.1	85.5	-0.9	69.7	-0.9	89.1	-0.3	65.6	-1.5	82.3	-3.5	61.5	+3.0	81.7	-1.7	51.9	-2.0	90.6	-0.5	67.5	+0.3
28	88.4	-0.5	73.1	-0.5	90.5	+2.9	73.6	+0.8	88.9	+1.4	73.1	+0.5	89.3	-0.4	70.6	+0.2	84.1	-1.9	67.7	+3.7	83.2	-0.9	58.0	-2.2	91.9	+0.1	70.8	+0.3
29	80.0	-0.9	66.6	0	81.5	+0.1	66.4	+0.1	83.0	+0.5	65.6	-0.2	82.9	-0.3	66.1	+0.1	80.0	-1.3	64.7	+2.1	79.3	-1.2	57.3	-1.6	85.2	-0.1	65.2	+0.2
30	81.2	-1.7	73.5	-0.6	82.7	-0.4	74.0	-0.3	83.1	-0.8	74.1	-0.2	85.1	-0.1	74.9	+0.3	84.7	-1.7	74.1	+0.5	85.8	-1.2	70.0	-1.7	85.8	-0.7	74.5	+0.1
31	94.3	+0.1	77.2	+0.5	94.5	+1.3	76.3	+0.5	93.8	+1.4	75.9	+0.6	88.5	-0.9	74.1	+0.1	85.7	-0.2	72.9	+1.2	84.0	-0.1	66.9	-2.1	91.6	0	73.9	0
32	93.4	+0.5	76.2	+0.3	93.2	+1.4	75.3	+0.5	93.9	+2.8	75.6	+1.5	91.7	+0.5	72.6	+0.4	88.5	+0.4	69.7	+3.4	87.0	+0.6	61.4	-0.7	94.7	+0.4	72.8	+0.7
33	91.4	-0.1	79.2	+0.4	92.6	+2.4	79.2	+1.1	90.8	+0.6	78.5	+0.6	88.2	-0.7	74.9	-0.6	84.0	-0.6	72.0	+1.7	81.3	-0.4	64.0	-1.3	89.7	+0.4	74.6	+0.2

The departures from normal of the mean monthly and annual temperatures of the air and of the ground for Lahore, Jaipur, Calcutta and Bombay are given in the table below. The thermometer at Alipore has been exposed in a new site since 24th November 1915, as in the old site the bulb was in the shade of the branches of a tree. The departures

in the table are based on averages based on 40 years which include the low temperatures recorded in the old site. As this is misleading, the monthly departures from the averages of the seven years 1916 to 1922 are given here: these are +4.8, +12.2, +13.6, +7.9, +9.2, -6.1, -1.7, -0.2, -2.2, -1.2, +4.2 and +3.2.

TABLE 5.—Departures from normal of the mean monthly and annual temperatures of the air and of the ground in 1922.

Station.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
	°	°	°	°	°	°	°	°	°	°	°	°	°
Lahore { Air . . .	0	+2.6	+1.7	+0.5	-1.0	-1.1	+2.8	+3.0	-1.8	-1.3	-0.1	+0.5	+0.5
Surface . . .	+2.0	+5.6	+3.9	+0.5	-1.2	-2.5	+4.5	+4.7	-3.5	+2.3	+3.7	+2.7	+1.9
Jaipur { Air . . .	-1.7	+3.4	+0.3	-0.8	-1.2	-1.0	+0.8	-1.2	-1.9	-0.9	-1.2	-2.1	-0.6
Surface . . .	-0.6	+3.6	+2.6	-0.4	+0.4	-5.5	-3.8	-2.6	-6.6	-1.1	-5.1	-4.8	-2.0
Calcutta { Air . . .	+1.4	+2.3	+3.0	+1.6	+1.9	-1.3	+0.7	+0.8	-0.2	-1.0	+0.7	+0.9	+0.9
(Alipore) { Surface . . .	+21.5	+31.8	+31.3	+16.5	+17.1	-4.6	+1.9	+2.5	+1.3	+7.1	+18.8	+21.4	+13.9
Bombay { Air . . .	+0.7	+1.9	+0.5	+1.5	+1.0	+0.3	-0.5	-0.2	-0.3	+1.2	+1.8	-0.2	+0.6
1 inch deep . . .	+1.3	+1.9	+1.4	+1.6	+1.1	+0.6	+0.4	+0.3	0	+1.4	+2.2	+0.6	+1.1
9 inches deep . . .	+1.6	+1.9	+1.0	+2.1	+2.1	+2.0	+1.3	+1.3	+1.3	+1.7	+2.6	+1.4	+1.7
1 foot 8 inches deep . . .	+2.4	+2.1	+2.5	+2.0	+2.5	+3.0	+1.9	+1.7	+1.7	+2.0	+2.8	+2.4	+2.2
5 feet deep . . .	+1.1	+1.1	+1.4	+1.3	+1.6	+2.0	+1.2	+1.0	+1.0	+1.7	+1.9	+1.2	+1.3
11 feet deep . . .	+0.4	+0.3	+0.8	+1.4	+1.1	+0.9	0	-0.5	-0.7	-0.1	+0.4	-0.5	+0.3

Winds.

The monthly mean velocities and directions at different heights above Agra, Simla, Lahore, Peshawar, Quetta,

Bangalore, Akyab and Calcutta are given in the following table:—

TABLE 6.—Monthly means of direction and velocity of upper winds, January 1922.

Height above sea Kms.	AGRA.				SIMLA.				LAHORE.				BANGALORE.				CALCUTTA.				AKYAB.				QUETTA.				PESHAWAR.			
	Height above sea 0-17 Km.				Height above sea 2-13 Kms.				Height above sea 0-21 Km.				Height above sea 0-92 Km.				Height above sea 0-01 Km.				Height above sea 0-01 Km.				Height above sea 1-68 Kms.				Height above sea 0-35 Km.			
	n	V	v	L	n	V	v	L	n	V	v	L	n	V	v	L	n	V	v	L	n	V	v	L	n	V	v	L	n	V	v	L
Ground level.	30	2-2	1-1	291	27	2-9	0-8	145	31	0-4	0-3	27	25	5-0	4-3	84	30	1-0	0-8	339	..	..	..	..	..	..	..	..	..	..	..	..
0-5	30	6-1	2-7	345	..	..	..	..	30	5-2	3-4	341	..	..	..	..	30	5-8	4-5	334	29	5-0	3-7	359	..	..	..	..	..	..	..	..
1-0	29	6-8	2-9	314	..	..	..	..	31	4-5	2-6	329	25	5-7	4-8	84	30	5-4	4-5	332	29	4-7	2-8	332	..	..	..	..	27	3-0	1-9	314
1-5	29	7-1	4-0	291	..	..	..	..	31	4-7	1-8	299	25	7-3	6-5	79	30	6-4	5-3	309	29	5-5	2-8	300	..	..	..	..	27	5-0	4-7	321
2-0	27	7-5	5-5	283	..	..	..	..	29	5-0	2-7	291	25	5-7	4-7	75	28	7-3	6-2	301	29	6-7	4-4	281	21	3-1	1-4	245	27	4-7	3-9	338
2-5	25	9-1	7-3	279	27	4-6	1-4	139	26	5-3	3-5	285	25	4-9	3-4	91	28	9-2	7-9	289	28	7-5	5-7	269	20	5-0	3-0	281	26	3-9	1-8	12
3-0	25	10-9	9-3	277	27	4-8	2-2	146	26	6-9	4-9	273	24	5-5	3-2	101	24	10-7	9-5	281	28	8-3	7-1	271	18	8-6	7-8	298	23	4-0	1-3	322
3-5	24	13-4	11-7	280	25	6-2	1-9	172	25	8-3	5-5	272	24	5-4	2-3	101	21	12-4	11-1	276	28	9-0	8-1	271	18	11-6	10-7	299	22	5-1	2-6	267
4-0	22	16-1	14-1	281	20	8-0	2-2	252	22	10-2	7-3	275	22	6-3	2-8	80	15	13-0	11-2	265	26	10-2	9-4	276	13	14-6	13-6	302	18	6-3	5-2	266
4-5	21	18-8	16-7	276	18	10-4	5-4	274	18	10-7	8-6	277	22	6-8	2-4	50	12	14-5	12-9	265	26	11-5	10-7	271	10	17-6	15-1	303	15	7-6	6-3	273
5-0	19	20-9	18-6	277	18	13-5	9-0	274	18	12-1	9-9	277	22	7-3	2-0	36	12	16-3	14-8	261	24	13-5	12-7	266	7	20-6	19-4	300	14	9-3	8-3	278
5-5	17	24-2	22-4	280	17	15-2	12-3	274	18	14-0	11-1	271	21	7-1	2-1	341	11	18-7	17-5	261	22	15-1	14-2	264	2	8-7	8-5	292	11	10-5	9-5	267
6-0	16	26-6	25-1	280	15	17-4	14-9	279	18	16-0	12-4	270	21	9-1	3-5	332	8	20-6	19-3	257	21	17-3	16-3	265	1	10-5	10-5	295	9	13-0	11-2	267
6-5	16	28-6	27-0	279	14	19-2	17-2	282	16	17-6	13-6	267	20	10-7	5-0	328	4	20-9	20-8	243	18	19-5	18-0	265	..	..	..	..	9	15-7	13-4	271
7-0	13	30-7	29-6	282	11	24-5	22-5	283	14	19-5	15-2	263	20	12-0	5-8	316	3	22-0	21-9	238	14	21-0	19-6	263	..	..	..	..	7	17-6	15-8	275
7-5	11	32-2	30-3	286	10	28-1	25-9	279	12	22-5	18-7	265	19	12-0	5-7	305	2	18-0	17-6	247	13	23-1	21-3	266	..	..	..	..	7	19-1	17-3	273
8-0	8	35-5	34-2	290	9	31-4	28-5	280	8	21-8	18-3	264	16	12-3	6-1	294	1	21-5	21-5	250	13	25-9	23-7	269	..	..	..	..	5	17-7	15-4	277
8-5	6	37-0	36-6	295	8	30-6	27-7	274	7	20-9	17-5	268	13	12-3	6-9	277	1	24-5	24-5	235	10	27-3	25-2	267	..	..	..	..	4	19-6	16-8	266
9-0	2	38-5	37-3	290	5	33-8	31-0	280	5	22-5	19-4	255	10	12-7	8-3	257	..	..	..	..	8	27-6	26-0	265	..	..	..	..	4	21-4	18-0	266
9-5	1	28-5	28-5	270	3	27-2	22-9	270	3	23-3	19-6	252	9	15-3	11-7	247	..	..	..	..	7	28-3	26-4	260	..	..	..	..	2	17-0	14-7	292
10-0	1	39-0	30-0	275	1	47-5	47-5	245	1	25-0	25-0	310	7	19-6	13-0	235	..	..	..	..	5	33-7	32-6	257	..	..	..	..	1	12-5	12-5	265
10-5	..	..	..	..	..	..	..	..	..	..	..	..	4	19-5	17-1	216	..	..	..	..	5	39-1	38-0	253	..	..	..	..	1	15-5	15-5	235
11-0	..	..	..	..	..	..	..	..	..	..	..	..	3	20-0	17-3	228	..	..	..	..	2	23-5	22-7	243	..	..	..	..	..	..	..	..
11-5	..	..	..	..	..	..	..	..	..	..	..	..	1	18-5	18-5	175	..	..	..	..	2	25-0	23-9	245	..	..	..	..	..	..	..	..

n = Number of flights.
V = Velocity of wind, regardless of direction, Metres per second.
v = Velocity of Resultant wind, taking account of direction, Metres per second.
L = Direction of Resultant wind, North wind = 0° or 60°, East wind = 90°.

TABLE 6—contd.—*Monthly means of direction and velocity of upper winds, February 1922.*

Height above sea Kms.	AGRA.				SIMLA.				LAHORE.				BANGALORE.				CALCUTTA.				AKYAB.				QUETTA.				PESHAWAR.			
	Height above sea 0·17 Km.				Height above sea 2·13 Kms.				Height above sea 0·21 Km.				Height above sea 0·92 Km.				Height above sea 0·01 Km.				Height above sea 0·01 Km.				Height above sea 1·68 Kms.				Height above sea 0·35 Km.			
	n	V	v	L	n	V	v	L	n	V	v	L	n	V	v	L	n	V	v	L	n	V	v	L	n	V	v	L	n	V	v	L
Ground level.	28	2·3	1·4	231	26	2·7	1·4	163	29	0·4	0·2	56	27	4·0	3·8	83	28	1·2	0·7	301	..	..	..	..	..	..	..	..	..	..	..	..
0·5	28	5·8	2·8	337	..	..	..	..	27	5·2	2·4	335	..	..	..	..	27	5·7	4·5	347	28	6·3	5·4	354	..	..	..	..	19	1·8	0·6	79
1·0	28	5·3	3·2	302	..	..	..	..	28	5·3	1·1	273	26	4·7	4·5	93	26	6·4	5·6	328	28	6·9	5·0	340	..	..	..	..	19	2·4	1·9	334
1·5	27	6·6	5·2	285	..	..	..	..	25	5·1	1·2	237	26	6·5	6·2	86	26	8·2	7·7	316	27	7·3	5·1	320	..	..	..	..	19	4·4	3·8	322
2·0	27	8·6	7·4	273	..	..	..	..	23	5·0	2·6	259	26	6·5	5·6	75	25	10·0	9·5	808	27	8·7	6·1	315	22	4·5	2·1	190	18	4·6	2·2	333
2·5	28	9·8	8·5	271	26	4·1	2·4	159	23	6·6	4·4	260	26	6·7	4·7	75	23	11·4	10·5	298	27	8·9	6·7	300	22	6·5	3·2	236	17	5·2	1·9	308
3·0	28	10·2	9·0	271	26	4·3	1·9	194	22	7·5	5·6	261	26	5·9	3·9	83	19	11·4	10·6	291	26	9·1	7·9	285	19	8·5	5·4	261	16	4·9	1·7	246
3·5	28	11·2	10·0	270	26	5·1	2·3	224	2	8·1	6·1	258	26	5·5	3·6	86	16	11·1	10·2	285	25	10·1	8·8	285	17	10·5	8·5	273	15	7·2	4·6	235
4·0	28	12·4	11·1	269	24	7·0	4·2	243	21	10·0	7·4	259	26	6·0	3·4	95	14	11·8	10·4	285	24	11·2	9·4	282	12	13·3	11·3	273	11	6·5	3·9	248
4·5	27	14·9	13·5	269	21	9·3	7·1	254	21	12·3	9·9	257	25	6·8	3·1	102	10	13·0	12·2	279	22	12·5	11·3	278	8	15·7	13·2	271	11	8·7	5·7	265
5·0	25	16·8	15·2	269	18	11·7	10·3	253	21	15·3	12·9	257	24	7·4	3·3	95	8	15·8	14·8	27	22	14·1	12·7	279	5	18·8	15·9	291	10	10·3	7·5	261
5·5	25	19·2	17·5	269	18	15·5	13·6	257	19	17·1	14·3	262	24	7·3	2·8	95	8	18·8	18·0	270	22	15·9	14·5	279	3	17·5	15·8	274	9	13·1	9·1	267
6·0	23	20·6	19·0	271	18	18·2	15·3	261	17	18·2	15·5	268	23	7·5	2·7	103	6	18·1	17·4	277	22	17·0	15·6	275	1	22·0	22·0	300	9	16·5	12·5	278
6·5	23	24·2	22·1	274	18	21·4	18·0	264	14	20·6	18·5	278	22	8·4	2·3	92	4	17·0	16·8	295	22	18·6	16·8	275	..	..	..	..	9	18·8	13·9	277
7·0	23	27·4	25·2	275	18	24·5	21·0	263	13	24·0	22·0	283	22	9·1	2·8	71	3	16·7	16·3	287	20	20·7	18·4	274	..	..	..	..	7	19·7	16·6	270
7·5	21	29·7	27·5	274	15	25·8	22·5	271	10	25·9	24·5	278	21	9·7	3·1	66	2	14·3	13·7	289	18	21·5	18·8	276	..	..	..	..	2	11·3	11·2	251
8·0	18	33·0	30·6	277	14	30·5	26·6	272	8	29·8	28·9	280	19	8·3	1·7	69	1	16·0	16·0	275	13	21·7	20·5	264	..	..	..	..	2	13·5	13·5	248
8·5	13	32·7	31·1	276	12	32·5	28·3	274	6	28·8	28·2	284	18	7·0	0·9	105	1	17·5	17·5	290	11	21·5	20·8	269	..	..	..	..	1	13·0	13·0	240
9·0	10	36·5	35·7	274	11	36·1	31·3	276	3	36·3	36·2	281	16	8·0	0·9	206	..	..	..	..	10	23·5	22·9	271	..	..	..	..	1	13·0	13·0	251
9·5	7	44·1	42·9	272	6	36·5	31·0	287	..	..	..	..	13	7·3	1·9	209	..	..	..	..	10	25·9	25·2	270	..	..	..	..	..	..	..	..
10·0	4	37·9	37·3	278	3	35·3	29·9	307	..	..	..	..	12	7·5	3·9	243	..	..	..	..	10	28·0	27·1	268	..	..	..	..	..	..	..	..
10·5	3	39·3	38·9	281	3	41·3	35·2	304	..	..	..	..	11	7·9	4·2	247	..	..	..	..	7	22·7	21·1	262	..	..	..	..	..	..	..	..
11·0	1	35·0	35·0	290	2	47·0	42·7	314	..	..	..	..	9	9·7	4·3	247	..	..	..	..	5	24·4	23·1	265	..	..	..	..	..	..	..	..
11·5	1	36·5	36·5	295	..	..	..	..	..	..	..	..	5	10·5	7·2	186	..	..	..	..	3	25·0	24·9	281	..	..	..	..	..	..	..	..
12·0	1	41·0	41·0	295	..	..	..	..	..	..	..	..	3	12·0	7·3	165	..	..	..	..	1	23·0	23·0	280	..	..	..	..	..	..	..	..
12·5	1	51·5	51·5	285	..	..	..	..	..	..	..	..	2	12·3	8·3	189	..	..	..	..	1	25·5	25·5	275	..	..	..	..	..	..	..	..
13·0	1	58·0	58·0	290	..	..	..	..	..	..	..	..	1	14·0	14·0	140	..	..	..	..	1	29·0	29·0	275	..	..	..	..	..	..	..	..
13·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	28·0	28·0	280	..	..	..	..	..	..	..	..
14·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	28·0	28·0	275	..	..	..	..	..	..	..	..

n = Number of flights.
 V = Velocity of wind, regardless of direction, Metres per second.
 v = Velocity of Resultant wind, taking account of direction, Metres per second.
 L = Direction of Resultant wind, North wind = 0° or 360°, East wind = 90°.

TABLE 6—contd.—*Monthly means of direction and velocity of upper winds, March 1922.*

Height above sea Kms.	AGRA.				SIMLA.				LAHORE.				BANGALORE.				CALCUTTA.				AKYAB.				QUETTA.				PESHAWAR.			
	Height above sea 0-17 Km.				Height above sea 2-13 Kms.				Height above sea 0-21 Km.				Height above sea 0-92 Km.				Height above sea 0-61 Km.				Height above sea 0-61 Km.				Height above sea 1-68 Kms.				Height above sea 0-35 Km.			
	n	V	v	L	n	V	v	L	n	V	v	L	n	V	v	L	n	V	v	L	n	V	v	L	n	V	v	L	n	V	v	L
Ground level.	31	2-0	1-4	266	28	2-6	0-3	31	31	0-5	0-3	46	30	3-3	1-0	212	25	1-4	0-8	221	..	..	..	..	..	..	..	..	..	..	..	..
0-5	30	6-1	4-7	332	..	..	..	..	30	6-7	3-6	350	..	..	..	..	25	6-0	2-7	279	31	3-8	1-4	329	..	..	..	..	..	..	..	..
1-0	31	7-6	6-6	309	..	..	..	..	30	6-2	2-3	319	31	4-2	1-5	177	24	5-0	3-1	301	26	4-7	3-5	335	..	..	..	..	21	3-0	2-6	319
1-5	31	8-6	8-1	295	..	..	..	..	31	5-6	2-3	299	31	6-3	4-1	105	24	5-6	4-9	302	26	6-1	4-3	322	..	..	..	..	21	5-0	4-7	323
2-0	31	10-3	9-4	290	..	..	..	..	30	5-8	3-7	304	31	7-5	6-7	76	23	7-4	6-7	299	23	6-6	5-3	322	27	3-9	2-3	287	21	4-9	3-3	317
2-5	31	12-0	10-7	287	28	5-3	2-0	335	30	7-0	5-3	297	31	7-9	7-2	60	23	9-	9-1	295	23	6-5	5-1	313	27	5-2	4-1	288	20	4-8	2-1	293
3-0	31	12-4	11-0	284	28	5-1	1-5	293	28	7-4	5-4	289	31	8-2	7-5	56	23	11-8	10-9	297	24	7-4	6-0	309	26	8-1	6-9	292	19	5-4	3-2	275
3-5	30	13-1	11-7	282	28	5-7	2-4	295	28	8-7	6-6	278	31	7-7	6-4	68	18	13-2	12-3	298	23	9-0	7-5	304	22	10-3	9-0	290	15	6-0	4-9	275
4-0	27	15-1	13-5	281	28	7-8	4-7	275	29	10-4	8-5	275	31	7-0	5-3	76	15	14-0	13-0	303	23	10-3	8-5	296	16	10-8	9-5	286	13	5-6	5-0	285
4-5	25	15-6	14-1	276	26	9-6	7-3	273	26	11-5	8-9	271	31	6-5	5-2	83	10	13-9	12-9	299	21	10-0	8-5	283	12	9-3	7-7	280	13	7-6	6-6	289
5-0	23	17-4	15-8	274	26	11-7	9-4	270	23	12-6	10-2	273	30	6-6	4-8	76	9	13-7	12-7	303	20	11-7	9-9	279	11	11-8	10-4	281	12	9-5	8-4	293
5-5	20	18-6	17-3	280	26	13-6	11-5	272	20	14-9	12-9	276	30	6-9	4-5	75	7	13-6	12-2	301	19	13-2	11-3	282	6	11-1	9-6	282	12	12-2	10-8	293
6-0	18	20-9	19-6	282	23	16-1	13-7	278	18	15-7	14-0	274	28	6-4	3-8	73	7	13-5	12-0	302	17	14-3	12-3	278	5	13-2	12-7	291	11	15-5	14-1	292
6-5	16	22-3	21-2	285	20	19-4	17-5	283	14	16-0	15-1	280	28	6-7	3-9	63	7	14-6	12-4	301	15	16-4	14-4	283	4	14-3	13-9	284	6	14-6	13-5	298
7-0	11	22-9	21-1	286	15	21-3	19-6	283	10	15-5	14-6	276	27	5-7	2-9	59	3	14-3	13-2	303	14	18-5	16-5	282	..	..	..	..	4	13-4	12-1	278
7-5	10	25-6	24-2	289	14	25-3	23-8	281	9	18-0	17-3	279	24	6-0	2-4	45	2	12-0	11-7	322	10	19-5	17-8	272	..	..	..	..	1	7-0	7-0	220
8-0	10	27-5	26-4	288	12	28-3	26-6	282	9	19-0	18-2	275	22	5-5	1-7	23	1	12-0	12-0	305	9	21-8	20-1	271	..	..	..	..	1	11-0	11-0	255
8-5	6	28-3	27-5	293	10	29-2	27-4	287	6	16-8	16-3	282	21	6-3	1-1	358	..	..	..	..	7	22-2	20-2	267	..	..	..	..	1	17-0	17-0	260
9-0	3	34-0	33-9	300	6	30-0	27-9	280	5	17-8	16-6	275	19	6-0	0-6	314	..	..	..	..	4	25-7	24-8	249	..	..	..	..	1	21-5	21-5	275
9-5	..	..	..	..	5	31-6	28-8	278	4	20-4	18-9	271	18	5-6	0-6	299	..	..	..	..	3	25-7	24-3	251	..	..	..	..	1	29-5	29-5	270
10-0	..	..	..	..	3	33-2	33-0	294	3	27-7	25-8	267	17	6-0	0-8	281	..	..	..	..	2	29-3	28-3	260	..	..	..	..	..	..	..	..
10-5	..	..	..	..	1	24-0	24-0	290	2	23-0	21-3	277	14	5-9	0-4	224	..	..	..	..	1	44-0	44-0	245	..	..	..	..	..	..	..	..
11-0	..	..	..	..	1	33-0	33-0	280	2	25-0	23-9	288	12	6-6	0-9	227	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
11-5	..	..	..	..	1	36-5	36-5	295	1	26-0	26-0	305	10	8-2	1-0	235	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
12-0	..	..	..	..	..	..	..	..	..	..	..	..	7	10-8	2-1	277	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
12-5	..	..	..	..	..	..	..	..	..	..	..	..	5	11-9	3-0	107	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
13-0	..	..	..	..	..	..	..	..	..	..	..	..	2	7-7	1-9	114	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
13-5	..	..	..	..	..	..	..	..	..	..	..	..	1	6-0	6-0	320	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
14-0	..	..	..	..	..	..	..	..	..	..	..	..	1	8-0	8-0	330	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
14-5	..	..	..	..	..	..	..	..	..	..	..	..	1	9-0	9-0	340	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
15-0	..	..	..	..	..	..	..	..	..	..	..	..	1	7-0	7-0	345	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

n = Number of flights.

V = Velocity of wind, regardless of direction, Metres per second.

v = Velocity of Resultant wind, taking account of direction, Metres per second.

L = Direction of Resultant wind, North wind = 0° or 360°, East wind = 90°.

TABLE 6—contd.—*Monthly means of direction and velocity of upper winds, April 1922.*

Height above sea Kms.	AGRA.				SIMLA.				LAHORE.				BANGALORE.				CALCUTTA.				AKYAB.				QUETTA.				PESHAWAR.			
	Height above sea 0-17 Km.				Height above sea 2-13 Kms.				Height above sea 0-21 Km.				Height above sea 0-92 Km.				Height above sea 0-01 Km.				Height above sea 0-01 Km.				Height above sea 1-68 Kms.				Height above sea 0-35 Km.			
	n	V	v	L	n	V	v	L	n	V	v	L	n	V	v	L	n	V	v	L	n	V	v	L	n	V	v	L	n	V	v	L
Ground level.	30	3-1	1-8	291	29	2-6	1-1	11	30	0-7	0-6	25	29	2-9	1-4	213	30	2-3	1-5	193	..	..	..	..	..	..	..	..	..	..	..	..
0-5	30	8-0	4-2	349	..	..	..	..	30	6-7	5-2	25	..	..	..	..	30	8-9	4-8	238	25	4-5	1-9	286	..	..	..	..	20	2-7	1-4	299
1-0	30	6-5	4-8	325	..	..	..	..	30	4-9	3-2	353	29	3-7	2-0	220	30	7-7	3-8	273	24	5-0	2-0	325	..	..	..	..	21	4-2	3-6	329
1-5	29	7-3	5-7	309	..	..	..	..	30	4-9	3-1	319	29	4-5	2-3	144	24	6-2	3-5	283	21	4-9	3-3	312	..	..	..	..	21	4-5	3-3	344
2-0	29	8-2	6-8	298	..	..	..	..	30	5-5	3-9	310	27	6-1	5-6	97	21	5-7	4-1	235	20	5-8	3-8	304	26	3-9	1-9	232	19	5-0	3-5	334
2-5	27	9-3	7-7	293	30	6-8	3-0	343	30	6-8	5-0	298	27	8-1	7-6	84	20	7-3	6-1	298	17	6-4	4-0	287	26	5-3	2-7	255	19	5-9	3-9	303
3-0	24	10-5	8-7	295	30	7-1	3-2	303	29	8-7	7-0	294	27	9-7	9-4	73	17	8-1	6-8	293	17	6-5	4-2	295	24	7-9	5-5	281	18	6-2	4-3	282
3-5	23	11-5	9-4	300	30	7-5	4-0	288	29	10-5	8-7	294	27	9-7	9-4	70	14	9-8	8-0	296	16	6-5	4-6	299	14	9-7	6-5	293	17	7-0	5-5	271
4-0	20	10-9	9-0	288	28	8-5	5-8	295	29	11-5	9-7	292	26	7-9	7-6	79	13	10-0	8-1	290	16	6-6	4-6	289	10	10-9	9-7	305	17	8-0	6-2	275
4-5	20	11-9	9-9	285	28	10-4	7-3	296	24	11-7	10-2	293	26	6-6	5-9	92	11	9-5	8-4	285	14	7-7	5-4	289	8	12-4	11-0	305	17	8-9	7-3	275
5-0	18	12-4	10-9	281	27	10-5	8-7	299	23	11-9	10-8	289	26	5-8	4-6	105	10	9-3	9-0	276	13	8-5	6-7	272	6	13-4	12-5	300	15	10-0	8-7	270
5-5	14	14-3	13-0	276	26	11-9	10-0	292	21	12-1	10-8	286	26	5-6	3-4	110	9	10-1	9-7	264	10	9-9	8-9	260	2	8-7	8-3	304	11	11-1	9-9	269
6-0	11	15-5	14-5	271	24	12-5	10-8	286	20	12-9	11-4	287	23	5-3	3-3	139	9	11-8	11-1	265	9	10-9	9-8	252	1	8-5	8-5	320	7	12-4	11-3	264
6-5	8	15-6	14-1	275	20	13-1	11-2	285	19	13-4	12-5	279	23	5-5	3-3	151	6	13-7	13-2	267	7	11-3	9-0	256	..	..	..	..	6	11-9	10-9	274
7-0	8	16-2	15-1	273	18	13-9	12-4	281	15	15-6	14-5	279	23	5-4	2-8	146	4	15-1	14-1	272	6	13-5	9-8	273	..	..	..	..	3	14-8	14-7	292
7-5	8	17-9	16-8	277	17	15-7	14-2	280	13	18-2	17-0	282	23	5-3	2-1	133	4	17-7	16-7	268	6	15-7	13-1	278	..	..	..	..	2	15-5	15-4	288
8-0	8	21-4	19-6	279	14	17-0	14-9	275	12	19-3	18-1	275	21	4-7	1-4	141	4	20-1	18-3	264	5	17-5	14-8	282	..	..	..	..	1	15-0	15-0	300
8-5	7	23-5	22-5	277	12	18-8	17-6	270	8	22-1	20-5	275	18	5-8	2-1	186	4	21-9	18-6	270	4	19-1	16-2	284	..	..	..	..	..	..	..	..
9-0	6	26-3	25-3	272	11	19-2	17-9	265	7	23-3	21-4	271	15	6-2	3-3	201	1	23-5	23-5	285	4	22-4	20-3	279	..	..	..	..	..	..	..	..
9-5	5	23-5	22-4	281	10	21-5	20-4	270	6	26-6	24-9	279	14	5-7	3-5	223	..	..	..	..	2	25-0	25-0	258	..	..	..	..	..	..	..	..
10-0	5	25-5	24-5	281	7	18-8	18-2	271	1	28-0	26-0	275	13	6-5	3-9	235	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
10-5	2	29-0	28-9	294	7	23-6	21-5	272	..	..	..	..	8	7-0	2-8	208	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
11-0	1	42-0	42-0	285	5	26-8	24-5	279	..	..	..	..	8	8-1	3-3	190	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
11-5	..	..	..	..	4	27-7	26-1	292	..	..	..	..	7	9-0	3-6	177	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
12-0	..	..	..	..	2	18-0	17-9	293	..	..	..	..	4	10-0	6-2	145	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
12-5	..	..	..	..	1	24-0	24-0	275	..	..	..	..	3	10-7	6-1	173	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
13-0	..	..	..	..	1	29-0	29-0	270	..	..	..	..	2	6-7	1-2	80	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
13-5	..	..	..	..	1	37-0	37-0	270	..	..	..	..	2	7-3	3-5	151	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
14-0	..	..	..	..	1	41-5	41-5	270	..	..	..	..	2	8-5	6-6	155	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
14-5	..	..	..	..	1	42-0	42-0	270	..	..	..	..	2	7-3	5-5	157	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

n = Number of flights.

V = Velocity of wind, regardless of direction, Metres per second.

v = Velocity of Resultant wind, taking account of direction, Metres per second.

L = Direction of Resultant wind, North wind = 0° or 360°, East wind = 90°.

TABLE 6—contd.—*Monthly means of direction and velocity of upper winds, May 1922.*

Height above sea Kms.	AGRA.				SIMLA.				LAHORE.				BANGALORE.				CALCUTTA.				AKYAB.				QUETTA.			
	Height above sea 0-17 Km.				Height above sea 2-13 Kms.				Height above sea 0-21 Km.				Height above sea 0-92 Km.				Height above sea 0-01 Km.				Height above sea 0-01 Km.				Height above sea 1-68 Kms.			
	n	V	v	L	n	V	v	L	n	V	v	L	n	V	v	L	n	V	v	L	n	V	v	L	n	V	v	L
Ground level.	31	2.4	1.5	283	31	2.3	0.7	11	31	0.2	0.1	27	3	3.4	3.0	265	32	2.3	1.5	182	..	..	..	..	..	..	..	..
0.5	31	9.9	6.7	329	..	..	..	..	29	5.5	3.2	16	..	..	..	..	31	9.6	8.7	211	27	3.5	0.9	295	..	..	..	..
1.0	30	7.5	6.1	323	..	..	..	..	29	4.7	2.1	334	23	4.5	3.7	279	28	7.3	5.9	220	27	3.4	1.7	262	..	..	..	..
1.5	30	6.1	5.3	316	..	..	..	..	29	5.1	3.3	296	23	4.1	5.0	299	28	5.0	3.1	239	26	3.6	1.1	281	..	..	..	..
2.0	29	6.3	5.2	300	..	..	..	..	29	5.9	4.1	281	23	5.2	3.3	356	26	4.5	2.3	288	25	5.5	2.5	340	27	3.5	1.5	292
2.5	27	7.3	5.5	285	31	6.0	3.3	326	30	7.0	4.5	281	22	5.8	4.3	39	26	5.5	3.8	314	24	5.6	2.7	3	27	5.7	4.3	314
3.0	25	9.2	7.1	279	31	5.8	3.5	308	30	7.7	4.6	282	22	7.0	5.7	52	26	7.0	5.6	319	22	6.2	3.5	12	22	7.8	6.7	310
3.5	24	10.0	7.4	274	31	6.5	3.3	297	29	8.6	5.5	282	22	8.7	4.8	55	24	8.1	7.0	322	20	6.1	3.6	3	18	8.6	7.7	302
4.0	22	10.3	8.0	269	30	7.3	2.8	287	26	9.4	6.4	230	22	9.0	7.8	56	20	9.5	8.7	327	19	6.0	3.0	358	11	7.4	6.3	299
4.5	21	10.3	8.0	264	30	8.5	3.3	265	25	10.8	7.0	277	20	8.3	4.6	64	19	9.1	8.1	317	18	6.0	3.0	338	10	8.3	7.6	298
5.0	20	10.3	9.0	264	30	8.9	4.2	259	24	11.1	7.4	282	19	7.5	4.1	70	17	6.0	4.9	304	14	6.1	3.3	323	6	9.9	8.9	295
5.5	20	10.6	8.9	267	30	10.1	5.9	265	21	11.5	7.5	279	17	7.6	4.4	69	15	5.2	4.1	292	13	7.2	2.9	339	3	9.3	8.2	307
6.0	18	11.3	9.6	262	29	11.1	7.0	254	20	12.5	8.3	273	17	6.6	4.3	71	13	5.8	4.2	291	12	7.9	2.9	352	1	7.0	7.0	350
6.5	17	12.6	11.2	255	27	11.5	8.7	260	18	13.6	8.9	267	15	6.1	3.6	58	13	6.7	3.9	283	10	8.3	3.1	336	1	9.0	9.0	345
7.0	16	15.1	13.0	259	25	12.7	9.6	256	13	13.1	10.2	271	14	6.6	4.1	52	13	7.4	4.3	276	10	9.1	3.9	329	1	10.0	10.0	340
7.5	15	16.7	14.8	260	25	15.0	11.9	254	10	14.2	12.6	280	13	7.1	5.1	55	11	6.6	4.4	263	10	9.4	4.1	325	1	8.0	8.0	345
8.0	14	17.0	14.7	255	22	16.9	13.6	256	8	14.6	12.8	276	12	6.9	4.9	73	10	7.5	5.0	262	10	10.1	4.5	331	..	..	..	..
8.5	14	18.9	16.8	255	21	19.4	15.3	253	7	15.5	13.7	273	11	7.1	5.8	75	10	8.1	4.8	258	10	10.5	4.7	321	..	..	..	..
9.0	13	20.5	18.6	247	19	20.2	16.1	263	7	16.8	14.9	274	10	7.5	6.0	87	10	9.1	4.4	266	9	10.1	3.9	339	..	..	..	..
9.5	9	20.3	18.6	249	17	23.1	18.3	265	4	14.4	12.9	284	7	8.5	8.1	81	9	8.3	5.7	248	9	10.1	4.2	346	..	..	..	..
10.0	9	22.1	20.4	242	14	24.9	20.7	259	2	16.5	15.9	260	5	11.5	11.4	86	7	6.3	5.7	255	7	9.1	2.4	304	..	..	..	..
10.5	6	24.2	22.4	240	12	27.0	22.3	253	1	20.5	20.5	235	2	8.3	8.3	95	7	9.4	5.4	266	6	7.7	2.6	344	..	..	..	..
11.0	4	19.9	19.5	265	8	30.1	26.8	255	1	25.0	25.0	235	1	9.0	9.0	105	7	10.6	5.7	251	6	8.2	3.2	313	..	..	..	..
11.5	4	21.7	20.9	253	4	28.7	26.9	254	..	..	..	..	1	11.0	11.0	120	7	11.2	10.2	245	6	9.4	4.5	319	..	..	..	..
12.0	3	21.5	21.3	242	3	34.3	30.9	255	..	..	..	..	..	..	..	..	2	11.0	10.6	244	6	10.5	5.1	330	..	..	..	..
12.5	2	25.5	25.3	247	1	34.0	34.0	225	..	..	..	..	..	..	..	..	2	11.0	10.7	236	5	8.8	4.9	302	..	..	..	..
13.0	2	28.3	28.3	252	1	33.0	33.0	235	..	..	..	..	..	..	..	..	2	10.7	10.7	233	4	8.6	4.1	287	..	..	..	..
13.5	2	31.5	31.3	255	..	..	..	..	..	..	..	..	..	..	..	..	2	11.3	11.3	233	4	9.1	4.1	285	..	..	..	..
14.0	1	34.5	34.5	240	..	..	..	..	..	..	..	..	..	..	..	..	1	9.0	9.0	235	4	9.1	3.1	280	..	..	..	..
14.5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	10.2	4.3	283	..	..	..	..
15.0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	8.0	8.0	90	..	..	..	..

n = Number of flights.
 V = Velocity of wind, regardless of direction, Metres per second.
 v = Velocity of Resultant wind, taking account of direction, Metres per second.
 L = Direction of Resultant wind, North wind = 0° or 360°, East wind = 90°.

TABLE 6—contd.—Monthly means of direction and velocity of upper winds, June 1922.

Height above sea Kms.	AGRA.				SIMLA.				LAHORE.				BANGALORE.				CALCUTTA.				ARYAB.				QUETTA.			
	Height above sea 0-17 Km.				Height above sea 2-13 Kms.				Height above sea 0-21 Km.				Height above sea 0-92 Km.				Height above sea 0-01 Km.				Height above sea 0-01 Km.				Height above sea 1-68 Kms.			
	n	V	v	L	n	V	v	L	n	V	v	L	n	V	v	L	n	V	v	L	n	V	v	L	n	V	v	L
Ground level.	30	3.3	1.4	253	30	1.7	0.2	291	30	0.7	0.4	163	14	7.6	7.0	261	22	1.5	1.2	173	..	..	..	..	..	..	..	..
0.5	30	7.3	3.9	268	..	..	..	..	30	6.8	2.6	197	..	..	..	..	21	7.7	6.7	221	18	6.9	5.7	181	..	..	..	..
1.0	30	7.2	5.5	278	..	..	..	..	29	6.5	1.7	220	14	8.5	8.3	269	16	7.7	6.3	239	11	6.5	5.2	189	..	..	..	..
1.5	30	6.4	5.4	294	..	..	..	..	27	5.3	1.7	277	13	9.9	9.7	268	14	6.9	5.1	252	10	6.4	5.0	188	..	..	..	..
2.0	29	6.9	5.9	301	..	..	..	..	24	5.0	1.4	301	6	8.4	8.2	275	11	6.0	3.3	267	8	8.1	6.0	185	27	3.5	1.5	240
2.5	24	6.3	5.9	310	30	5.8	3.2	312	20	5.7	3.0	314	8	8.3	7.5	277	9	6.4	3.2	295	5	7.6	5.0	193	27	5.1	3.6	326
3.0	22	7.3	6.6	319	30	7.0	4.4	301	15	5.0	3.7	333	7	6.0	5.8	295	8	7.0	4.5	294	5	6.6	4.0	201	26	7.4	6.6	323
3.5	22	8.2	7.4	323	26	7.6	5.7	306	15	5.5	4.0	344	6	5.7	5.6	284	6	6.0	5.1	311	4	6.1	2.8	167	25	8.4	7.8	318
4.0	20	8.2	7.5	327	24	7.7	6.4	307	15	6.6	5.5	344	6	5.7	5.7	282	4	3.5	1.6	333	3	3.8	2.7	137	22	8.9	7.9	315
4.5	20	8.1	7.6	326	23	7.7	6.0	314	13	6.7	6.1	347	6	6.7	6.4	279	4	3.0	0.6	90	2	4.5	4.5	102	12	7.3	6.0	301
5.0	18	8.1	7.1	317	21	7.5	6.5	314	13	7.5	7.0	337	5	8.0	7.9	286	4	3.7	1.9	113	2	6.0	6.0	122	9	8.7	6.6	316
5.5	16	7.7	6.9	315	16	6.2	5.5	318	11	7.6	7.3	338	5	8.2	7.6	281	4	6.0	3.9	152	2	5.7	5.7	123	9	11.9	11.4	325
6.0	15	7.0	5.7	305	14	7.1	6.1	302	10	7.3	6.5	343	4	8.0	7.3	272	4	6.6	4.5	150	2	6.0	5.9	118	6	11.3	10.8	333
6.5	14	6.5	4.8	290	13	9.1	7.5	283	8	9.3	8.4	321	3	7.3	7.3	275	2	6.3	3.5	206	2	7.7	7.7	115	6	10.5	9.9	324
7.0	14	7.3	4.7	290	13	11.2	10.0	286	7	8.7	7.9	299	2	6.7	6.5	283	2	8.5	6.0	205	2	8.7	8.7	117	3	10.8	10.8	337
7.5	11	9.0	5.1	303	12	12.6	11.3	286	7	9.1	8.3	285	1	9.0	9.0	250	2	11.5	7.9	196	2	8.5	8.5	118	1	12.0	12.0	330
8.0	10	8.6	4.3	293	12	12.6	11.3	285	7	9.2	8.5	286	..	..	..	..	2	11.5	7.3	193	2	10.5	10.5	119	1	13.0	13.0	340
8.5	8	7.9	3.1	287	12	14.3	13.3	279	6	11.4	10.9	279	..	..	..	..	2	12.7	9.0	208	2	11.0	11.0	115	..	..	..	..
9.0	8	7.6	2.4	238	12	14.3	13.5	279	6	12.7	12.4	283	..	..	..	..	1	6.5	6.5	110	2	11.5	11.5	116	..	..	..	..
9.5	8	8.3	2.5	267	11	14.9	14.1	277	5	13.1	12.8	286	..	..	..	..	1	8.0	8.0	140	2	12.7	12.5	121	..	..	..	..
10.0	6	8.0	3.2	334	9	13.6	12.4	274	4	14.6	14.3	282	..	..	..	..	1	9.0	9.0	140	2	14.7	14.7	118	..	..	..	..
10.5	6	9.3	3.4	327	9	14.8	13.6	266	2	14.3	13.9	290	..	..	..	..	1	11.0	11.0	165	2	16.5	16.3	118	..	..	..	..
11.0	5	8.9	0.9	360	8	16.6	16.3	257	1	11.5	11.5	290	..	..	..	..	1	12.5	12.5	170	2	16.7	16.5	118	..	..	..	..
11.5	5	9.4	1.5	7	7	17.3	17.0	258	..	..	..	..	..	..	..	..	1	13.0	13.0	175	1	16.0	16.0	115	..	..	..	..
12.0	5	8.7	0.7	284	4	14.4	14.2	248	..	..	..	..	..	..	..	..	1	12.5	12.5	175	1	17.0	17.0	120	..	..	..	..
12.5	5	8.7	1.1	303	3	15.7	15.4	248	..	..	..	..	..	..	..	..	..	..	..	..	1	18.0	18.0	130	..	..	..	..
13.0	4	9.4	1.6	17	2	15.5	15.2	246	..	..	..	..	..	..	..	..	..	..	..	..	1	20.5	20.5	130	..	..	..	..
13.5	4	10.1	2.0	16	1	9.0	9.0	260	..	..	..	..	..	..	..	..	..	..	..	..	1	23.0	23.0	125	..	..	..	..
14.0	2	5.3	3.0	86	1	7.0	7.0	270	..	..	..	..	..	..	..	..	..	..	..	..	1	24.0	24.0	115	..	..	..	..
14.5	1	2.5	2.5	165	1	5.5	5.5	245	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
15.0	1	5.5	5.5	150	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
15.5	1	6.0	6.0	180	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
16.0	1	10.0	10.0	170	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
16.5	1	11.5	11.5	175	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
17.0	1	9.5	9.5	185	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
17.5	1	7.0	7.0	185	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
18.0	1	4.5	4.5	175	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

n = Number of flights.

V = Velocity of wind, regardless of direction, Metres per second.

v = Velocity of Resultant wind, taking account of direction, Metres per second.

L = Direction of Resultant wind, North wind = 0° or 360°, East wind = 90°.

TABLE 6—contd.—Monthly means of direction and velocity of upper winds, July 1922.

Height above sea Kms.	AGRA.				SIMLA.				LAHORE.				BANGALORE.				CALCUTTA.				AKYAB.				QUETTA.			
	Height above sea 0.17 Km.				Height above sea 2.13 Kms.				Height above sea 0.21 Km.				Height above sea 0.92 Km.				Height above sea 0.01 Km.				Height above sea 0.01 Km.				Height above sea 1.68 Kms.			
	n	V	v	L	n	V	v	L	n	V	v	L	n	V	v	L	n	V	v	L	n	V	v	L	n	V	v	L
Ground level.	29	2.3	0.1	191	15	1.3	0.6	3	31	1.1	0.8	11	4	7.4	7.3	259	20	1.9	0.2	202	..	..	..	..	..	..	..	..
0.5	30	5.6	0.9	213	..	..	..	..	31	6.2	3.9	155	..	..	..	..	19	7.5	4.1	208	9	7.0	6.6	183	..	..	..	..
1.0	29	5.5	1.1	304	..	..	..	..	30	5.8	2.7	229	4	9.6	9.5	261	16	7.3	5.5	218	6	8.0	7.4	207	..	..	..	..
1.5	27	5.4	1.8	356	..	..	..	..	27	4.5	2.2	206	4	12.1	12.1	269	10	5.9	4.5	211	5	6.8	5.8	214	..	..	..	..
2.0	27	6.3	3.1	356	..	..	..	..	26	4.3	2.9	313	4	12.4	12.3	276	7	4.8	2.9	215	4	4.7	2.9	250	28	3.0	2.0	185
2.5	27	6.7	3.7	3	16	3.9	3.1	328	23	4.8	4.0	323	2	1.0	12.9	287	6	5.2	2.3	214	3	6.0	3.1	283	28	4.2	3.3	259
3.0	24	6.8	3.5	15	15	3.9	3.1	317	21	5.7	4.7	347	2	13	13.0	280	4	4.5	1.6	180	3	5.7	3.2	275	28	5.7	5.1	206
3.5	21	5.5	2.9	48	14	4.3	2.6	321	18	6.5	6.0	1	1	8.4	8.5	290	4	3.5	2.0	173	3	5.7	3.4	280	25	6.4	5.8	301
4.0	18	4.7	2.1	58	12	3.9	1.1	342	17	6.6	5.7	352	1	5.0	5.0	305	4	3.0	1.8	177	3	5.7	2.7	264	21	6.0	4.9	299
4.5	17	5.1	1.8	63	10	3.8	1.6	325	17	7.3	6.2	346	1	3.5	3.5	290	4	2.5	1.2	160	1	5.0	5.0	165	17	6.6	4.2	294
5.0	16	5.0	2.7	78	8	2.8	0.7	294	14	6.7	5.1	345	..	..	..	..	4	2.4	1.4	155	1	4.0	4.0	145	12	4.5	0.2	58
5.5	16	5.6	3.4	105	8	3.9	1.3	248	13	6.0	3.7	338	..	..	..	..	3	2.7	1.9	186	1	7.0	7.0	165	9	6.7	1.1	34
6.0	15	5.1	2.7	122	7	4.8	0.9	198	11	6.0	2.1	312	..	..	..	..	3	3.8	2.7	186	1	6.5	6.5	140	8	6.5	2.6	342
6.5	14	5.3	2.5	108	4	5.4	2.9	181	10	5.8	2.3	299	..	..	..	..	3	3.8	3.3	158	1	7.5	7.5	140	8	6.6	4.1	344
7.0	13	5.4	2.7	105	3	4.2	3.9	220	10	7.0	3.9	274	..	..	..	..	2	5.0	4.8	145	1	7.0	7.0	155	7	6.5	3.7	336
7.5	13	6.1	3.2	97	3	4.3	3.6	230	10	8.7	6.5	271	..	..	..	..	2	6.0	5.9	130	..	..	..	..	5	5.7	4.3	311
8.0	13	6.1	3.4	106	3	7.2	6.1	243	8	9.0	7.4	251	..	..	..	..	2	7.7	7.6	119	..	..	..	..	5	6.2	4.7	325
8.5	13	6.3	3.3	103	3	7.7	6.8	249	6	8.2	6.7	254	..	..	..	..	2	8.7	8.7	109	..	..	..	..	5	7.8	5.0	314
9.0	11	7.1	3.7	118	3	8.5	7.7	246	6	10.2	8.2	258	..	..	..	..	1	8.5	8.5	95	..	..	..	..	5	8.6	6.5	304
9.5	9	8.3	3.3	113	3	9.8	9.1	251	6	10.2	9.0	255	..	..	..	..	1	10.0	10.0	95	..	..	..	..	3	9.3	9.1	302
10.0	8	9.1	3.5	140	2	10.3	9.1	272	6	10.7	9.8	249	..	..	..	..	..	..	..	..	..	..	..	..	2	9.3	9.1	302
10.5	8	9.5	2.9	130	2	12.0	11.3	266	5	12.3	9.8	243	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
11.0	7	7.8	2.2	180	2	13.7	13.3	271	4	9.7	6.3	260	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
11.5	6	9.6	2.6	171	2	14.5	14.2	269	2	8.5	8.5	237	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
12.0	5	10.1	2.3	188	2	15.0	14.7	268	1	10.0	10.0	245	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
12.5	2	12.3	2.3	55	1	15.0	15.0	285	1	10.5	10.5	240	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
13.0	2	17.7	6.8	74	1	16.0	16.0	295	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
13.5	2	13.0	3.5	59	1	19.5	19.5	290	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
14.0	2	17.7	4.8	63	1	24.0	24.0	295	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
14.5	1	25.0	25.0	60	1	20.0	20.0	285	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

n = Number of flights.

V = Velocity of wind, regardless of direction, Metres per second.

v = Velocity of Resultant wind, taking account of direction, Metres per second.

L = Direction of Resultant wind, North wind = 0° or 360°, East wind = 90°.

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TABLE 6—contd.—Monthly means of direction and velocity of upper winds, August 1922.

Height above sea Kms.	AGRA.				SIMLA.				LAHORE.				BANGALORE.				CALCUTTA.				ARYAB.				QUETTA.			
	Height above sea 0-17 Km.				Height above sea 2-13 Kms.				Height above sea 0-21 Km.				Height above sea 0-92 m.				Height above sea 0-01 Km.				Height above sea 0-01 Km.				Height above sea 1-68 Kms.			
	n	V	v	L	n	V	v	L	n	V	v	L	n	V	v	L	n	V	v	L	N	V	v	L	n	V	v	L
Ground level.	29	3.4	1.4	252	11	2.3	1.2	2	31	0.6	0.4	178	9	5.4	5.5	264	22	1.3	0.8	140	..	..	..	..	..	..	..	..
0.5	30	8.1	5.6	279	..	..	..	..	31	6.7	4.2	230	..	..	..	..	22	6.6	3.5	213	12	5.2	3.0	153	..	..	..	..
1.0	28	7.7	5.7	303	..	..	..	..	29	4.9	3.1	268	9	6.3	5.9	269	18	5.4	2.2	225	10	5.2	2.3	226	..	..	..	..
1.5	28	6.1	4.1	323	..	..	..	..	28	3.9	3.0	301	9	8.2	7.9	276	16	5.6	1.6	216	9	5.0	2.8	220	..	..	..	..
2.0	25	5.7	2.7	336	..	..	..	..	26	3.6	2.5	311	9	8.1	7.7	290	14	5.1	1.5	234	8	3.4	2.6	218	31	2.0	0.8	318
2.5	21	5.7	3.0	342	10	6.3	4.2	325	24	3.7	2.2	322	8	8.2	8.1	299	10	4.6	1.9	175	8	3.5	2.7	210	31	4.6	4.2	304
3.0	19	6.3	3.4	338	11	4.1	3.1	328	22	4.1	2.9	327	8	7.3	7.1	301	9	4.2	2.7	151	7	3.1	2.4	201	31	6.9	6.5	300
3.5	16	5.7	2.4	324	8	3.7	1.3	330	19	6.3	5.7	318	7	6.7	5.7	297	7	4.1	2.5	146	5	2.8	2.5	139	25	6.6	5.6	297
4.0	14	5.1	3.2	314	7	3.8	0.9	69	19	7.2	6.3	311	6	5.8	4.2	292	7	4.5	2.9	137	4	3.5	3.1	145	16	6.3	1.9	244
4.5	12	4.9	2.8	319	8	3.1	1.3	121	18	6.8	5.3	312	5	6.0	5.1	285	7	4.8	3.1	145	4	2.9	2.5	153	12	7.3	5.3	141
5.0	10	4.4	2.6	331	8	3.8	1.8	141	16	6.0	3.8	314	4	5.7	4.2	284	7	5.4	3.1	145	4	2.6	1.8	135	11	6.3	4.2	185
5.5	9	3.7	2.3	347	5	3.9	2.8	189	16	5.6	2.9	346	2	3.0	2.9	213	7	4.9	3.1	134	4	3.0	2.2	111	9	5.8	2.4	113
6.0	8	3.5	1.5	49	4	3.7	3.3	209	16	5.1	2.5	327	2	3.0	2.7	183	7	4.9	3.2	133	4	4.0	3.1	102	8	5.4	1.7	166
6.5	6	4.2	2.7	57	4	4.7	4.6	198	15	4.8	1.7	304	2	1.7	1.1	141	4	6.3	4.1	138	3	3.8	3.8	107	8	4.6	0.5	319
7.0	6	4.3	2.9	39	4	5.7	4.2	196	14	5.6	2.8	293	1	4.5	4.5	25	3	3.3	2.9	95	3	4.0	3.8	95	8	4.1	0.8	23
7.5	6	4.7	3.2	29	4	5.9	4.7	216	14	6.7	3.9	293	1	2.0	2.0	335	3	4.2	4.1	95	3	5.7	5.2	82	8	4.4	0.2	200
8.0	6	5.3	3.9	44	3	8.7	7.9	223	13	7.1	5.2	285	1	2.5	2.5	65	3	5.3	5.2	82	3	7.7	7.1	87	6	3.7	0.4	159
8.5	6	5.6	3.7	53	3	10.5	10.3	231	12	8.2	6.6	290	1	3.0	3.0	120	3	6.5	6.3	83	3	8.5	8.2	84	5	5.1	0.6	159
9.0	3	3.6	2.0	74	3	10.5	10.5	242	11	7.8	6.6	291	1	6.0	6.0	115	3	8.8	8.2	98	3	8.3	8.2	89	5	6.1	0.5	148
9.5	5	4.8	3.7	58	3	9.5	9.4	228	9	7.3	6.2	303	1	11.0	11.0	115	2	10.5	10.4	94	3	9.2	9.1	94	3	6.0	1.2	67
10.0	5	6.4	5.8	55	2	8.7	8.6	228	7	7.4	6.2	302	1	19.0	19.0	100	2	11.3	11.2	94	1	9.0	9.0	105	1	9.0	9.0	275
10.5	4	5.6	4.6	55	2	8.5	7.9	248	6	7.5	6.7	313	..	..	..	..	2	11.7	11.7	79	1	12.0	12.0	100	1	8.0	8.0	280
11.0	4	5.7	5.1	76	2	8.3	7.7	258	6	8.3	7.4	314	..	..	..	..	..	..	..	..	..	..	..	..	1	6.5	6.5	255
11.5	4	6.3	5.8	83	2	8.7	7.0	256	4	8.3	7.0	308	..	..	..	..	..	..	..	..	..	..	..	..	1	6.5	6.5	250
12.0	4	7.6	7.5	86	1	10.5	10.5	205	2	6.7	5.8	277	..	..	..	..	..	..	..	..	..	..	..	..	1	10.0	10.0	240
12.5	1	8.5	8.5	100	1	12.5	12.5	210	2	6.7	4.2	259	..	..	..	..	..	..	..	..	..	..	..	..	1	12.0	12.0	235
13.0	1	10.5	10.5	110	1	14.0	14.0	225	1	5.5	5.5	300	..	..	..	..	..	..	..	..	..	..	..	..	1	11.0	11.0	225
13.5	1	14.0	14.0	180	1	17.0	17.0	215	1	4.0	4.0	300	..	..	..	..	..	..	..	..	..	..	..	..	1	10.0	10.0	225
14.0	..	..	..	..	1	15.5	15.5	225	1	4.0	4.0	285	..	..	..	..	..	..	..	..	..	..	..	..	1	9.5	9.5	220

n = Number of flights.

V = Velocity of wind, regardless of direction, Metres per second.

v = Velocity of Resultant wind, taking account of direction, Metres per second.

L = Direction of Resultant wind, North wind = 0° or 360°, East wind = 90°.

TABLE 6—contd.—Monthly means of direction and velocity of upper winds, September 1922.

Height above sea Kms.	AGRA.				SIMLA.				LAHORE.				BANGALORE.				CALCUTTA.				AKYAB.				QUETTA.			
	Height above sea 0-17 Km.				Height above sea 2-13 Kms.				Height above sea 0-21 Km.				Height above sea 0-92 Km.				Height above sea 0-01 Km.				Height above sea 0-01 Km.				Height above sea 1-68 Kms.			
	n	V	v	L	n	V	v	L	n	V	v	L	n	V	v	L	n	V	v	L	n	V	v	L	n	V	v	L
Ground level.	28	2-1	0-8	319	23	2-0	0-5	21	30	0-4	0-3	12	17	3-7	3-5	271	19	1-2	1-1	78	..	..	..	..	..	..	..	..
0-5	28	6-8	1-8	323	..	..	..	..	27	5-5	1-5	193	..	..	..	..	19	5-4	4-1	106	22	4-3	2-7	146	..	..	..	..
1-0	26	5-7	2-3	355	..	..	..	..	27	4-9	1-4	238	17	4-6	4-5	279	16	5-5	4-3	118	21	4-4	2-4	156	..	..	..	..
1-5	24	5-2	2-7	8	..	..	..	..	28	4-4	0-4	199	17	6-3	6-0	285	10	5-5	4-4	127	20	5-1	3-0	141	..	..	..	..
2-0	25	5-7	3-1	25	..	..	..	..	26	4-1	0-3	75	16	6-5	6-1	237	8	4-7	4-0	131	17	5-6	4-3	126	29	2-1	1-2	176
2-5	22	5-9	3-1	46	23	4-0	1-6	346	24	3-8	1-1	18	16	3-8	6-5	295	7	3-4	2-8	151	16	5-3	4-1	123	29	3-4	2-1	232
3-0	20	5-6	2-8	66	22	3-5	0-4	314	24	4-2	2-1	8	11	6-3	6-2	292	5	3-8	3-1	152	16	5-3	4-3	118	29	5-6	4-9	295
3-5	18	4-2	2-1	83	21	3-1	1-5	155	23	4-8	3-0	1	9	5-4	5-3	298	5	4-6	3-4	144	15	5-6	4-7	117	28	5-4	4-3	310
4-0	16	4-3	2-3	88	20	2-9	1-5	165	22	6-1	3-9	354	9	4-8	4-5	290	4	4-6	4-5	110	14	5-4	4-3	115	22	5-2	1-6	2
4-5	15	5-1	1-6	45	17	3-1	1-0	207	20	5-9	3-7	351	7	4-3	3-7	283	3	4-5	4-5	105	15	5-1	4-1	113	18	5-7	2-4	95
5-0	16	5-4	2-4	41	15	3-7	1-4	221	19	6-1	3-7	323	7	3-3	2-5	292	3	4-8	4-3	103	11	5-2	4-2	114	17	7-1	2-9	104
5-5	16	6-0	2-2	50	13	3-8	1-8	234	18	5-7	2-9	804	6	3-6	0-6	261	3	4-5	4-2	94	12	5-2	3-9	109	10	6-1	0-9	276
6-0	16	5-9	0-2	333	13	5-5	2-7	253	17	6-2	3-6	291	6	3-9	1-1	262	3	5-2	4-8	105	12	5-3	3-9	100	7	7-2	4-0	253
6-5	16	7-0	1-4	278	12	7-6	5-5	266	16	9-0	6-2	283	5	4-9	3-0	169	3	5-0	4-7	108	10	5-5	4-8	103	6	7-5	5-1	272
7-0	15	7-5	2-2	261	12	8-8	7-4	268	14	10-7	8-4	280	5	5-4	3-9	138	3	4-3	4-3	97	6	3-8	3-5	92	5	7-0	3-6	275
7-5	15	8-8	2-6	268	12	10-3	8-5	267	14	12-1	9-6	275	5	5-8	4-8	117	3	4-7	4-6	94	6	4-1	3-9	100	4	4-3	2-4	188
8-0	15	8-9	3-4	271	11	12-1	11-0	259	13	14-2	12-3	274	5	5-9	5-4	92	3	4-3	4-3	80	6	4-4	4-1	98	3	3-3	3-1	249
8-5	15	10-0	3-5	270	11	13-0	11-3	253	11	14-0	12-0	275	5	5-9	5-5	90	3	4-5	3-7	89	6	4-7	4-3	99	3	3-8	3-6	242
9-0	13	11-7	5-2	265	11	13-8	11-6	253	10	15-8	..	276	5	7-8	7-2	90	2	3-7	1-2	191	6	5-0	4-4	109	2	2-5	1-6	221
9-5	13	12-4	6-1	256	11	14-1	12-4	256	6	13-3	10-8	260	4	10-0	9-6	99	2	2-3	1-0	237	6	5-3	4-6	119	2	4-5	2-9	284
10-0	12	13-9	7-4	251	11	14-9	12-7	254	5	10-6	8-4	240	4	12-0	11-6	95	2	3-0	1-1	273	6	6-2	5-7	118	2	4-0	3-3	258
10-5	12	15-2	7-6	245	11	16-6	14-3	253	5	11-5	9-2	238	4	13-4	13-0	90	2	4-0	1-2	270	4	9-4	9-2	111	2	4-7	4-4	263
11-0	12	16-4	7-6	246	8	15-8	12-5	247	5	12-6	9-3	239	3	16-0	15-9	94	2	4-7	1-3	277	4	11-3	11-0	107	..	..	..	..
11-5	10	15-7	11-4	266	3	7-5	5-6	235	5	13-8	10-3	246	2	16-3	16-2	98	1	6-5	6-5	225	4	13-6	13-1	107	..	..	..	..
12-0	9	16-5	10-8	272	2	7-0	6-3	274	3	16-3	14-8	248	2	18-7	18-7	100	1	6-0	6-0	200	2	15-7	15-7	119	..	..	..	..
12-5	7	16-0	12-4	271	1	13-5	13-5	290	2	10-5	9-3	256	2	21-5	21-4	95	1	5-0	5-0	210	2	17-5	17-5	120	..	..	..	..
13-0	6	17-7	13-1	264	1	14-5	14-5	290	1	9-0	9-0	220	..	..	..	..	1	4-0	4-0	200	1	19-0	19-0	115	..	..	..	..
13-5	5	17-6	12-2	256	1	18-5	18-5	290	1	9-0	9-0	210	..	..	..	..	1	5-0	5-0	185	1	16-0	16-0	110	..	..	..	..
14-0	4	15-1	5-1	234	..	..	..	..	1	8-0	8-0	205	..	..	..	..	..	..	..	..	1	17-0	17-0	105	..	..	..	..
14-5	2	13-0	10-4	226	..	..	..	..	1	7-5	7-5	220	..	..	..	..	..	..	..	..	1	17-0	17-0	90	..	..	..	..
15-0	1	24-0	24-0	250	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

n = Number of flights.

V = Velocity of wind, regardless of direction, Metres per second.

v = Velocity of Resultant wind, taking account of direction, Metres per second.

L = Direction of Resultant wind, North wind = 0° or 360°, East wind = 90°.

TABLE 6--contd.—*Monthly means of direction and velocity of upper winds, October 1922.*

Height above sea Kms.	AGRA.				SIMLA.				LAHORE.				BANGALORE.				CALCUTTA.				AKYAB.				QUETTA.			
	Height above sea 0-17 Km.				Height above sea 2-13 Kms.				Height above sea 0-21 Km.				Height above sea 0-92 Km.				Height above sea 0-91 Km.				Height above sea 0-01 Km.				Height above sea 1-68 Kms.			
	n	V	v	L	n	V	v	L	n	V	v	L	n	V	v	L	n	V	v	L	n	V	v	L	n	V	v	L
Ground level.	31	1.6	0.7	295	31	1.9	0.4	17	31	0.4	0.3	21	20	3.9	2.3	60	26	1.1	0.7	318	..	..	..	..	..	..	..	..
0.5	31	4.9	1.9	294	..	..	..	..	31	4.6	1.3	340	..	..	..	..	26	4.4	2.6	355	27	3.7	0.7	87	..	..	..	..
1.0	31	4.8	2.9	320	..	..	..	..	31	4.0	2.4	334	20	4.7	3.2	61	26	4.7	3.1	352	25	2.9	0.4	222	..	..	..	..
1.5	31	6.1	4.7	310	..	..	..	..	31	3.9	2.3	321	20	5.9	4.5	60	25	4.5	3.3	342	25	3.0	1.3	221	..	..	..	..
2.0	31	7.5	6.4	311	..	..	..	..	31	4.8	3.2	310	20	5.3	4.0	67	23	4.6	2.9	303	25	3.3	1.3	202	29	2.3	0.7	244
2.5	31	8.2	7.1	317	31	3.5	1.8	322	30	5.5	3.8	305	20	5.1	3.9	75	22	5.6	3.9	270	24	3.5	1.6	205	29	4.5	3.5	307
3.0	31	7.8	6.4	319	31	3.6	2.0	310	30	5.6	4.0	309	19	4.6	3.0	85	21	6.6	5.7	255	25	3.8	1.3	219	29	7.4	6.3	309
3.5	31	7.8	6.8	323	31	3.8	1.3	302	30	6.1	4.3	313	18	4.4	2.4	102	21	7.5	6.7	255	24	4.2	1.2	243	26	8.2	7.4	313
4.0	31	7.6	6.0	319	31	4.3	0.8	298	29	6.8	5.3	317	15	5.3	2.4	117	20	7.9	7.3	250	22	4.5	2.2	252	21	9.3	7.6	317
4.5	31	7.6	6.0	302	30	4.8	2.0	290	27	7.4	6.0	316	14	6.0	1.9	118	20	8.4	7.9	250	20	4.5	2.7	256	16	8.6	5.9	331
5.0	31	8.5	7.3	284	30	5.7	2.7	290	27	7.5	6.0	309	14	6.6	2.8	110	18	8.3	7.8	251	19	4.7	3.1	260	14	9.5	6.9	323
5.5	31	10.3	9.2	276	30	6.8	4.1	274	27	8.7	7.2	295	12	6.4	3.5	123	17	9.1	8.5	255	20	4.6	3.7	257	12	10.2	7.6	322
6.0	31	12.5	11.4	272	30	7.8	5.9	273	26	10.3	9.2	291	10	6.5	4.1	104	15	8.2	7.4	259	21	5.1	4.3	260	10	9.5	6.6	319
6.5	31	15.4	14.3	271	30	8.6	6.8	271	24	10.6	10.2	290	8	5.2	3.2	113	14	8.7	7.5	254	21	5.9	4.6	259	10	10.7	6.5	316
7.0	29	17.9	16.8	268	30	11.0	9.5	271	23	13.1	11.6	288	7	5.1	4.1	90	12	8.9	7.8	259	21	6.1	5.1	259	7	9.6	6.8	317
7.5	29	20.8	19.4	266	28	13.2	11.7	270	22	14.9	13.5	287	7	5.1	4.4	88	8	9.4	8.2	270	19	6.7	6.2	260	7	10.9	7.3	306
8.0	29	23.7	22.4	264	27	15.3	14.2	270	22	15.7	14.3	286	6	5.2	4.7	83	6	9.7	7.5	282	18	7.4	7.1	259	4	6.5	5.4	333
8.5	27	26.9	25.7	263	27	18.2	17.1	264	22	17.3	15.8	283	5	4.5	4.0	103	4	7.7	4.3	300	18	8.2	8.0	253	4	8.1	6.5	345
9.0	25	31.0	29.7	261	27	21.0	20.0	263	19	18.9	17.4	279	4	5.5	5.1	101	4	7.4	3.7	278	18	9.1	8.7	255	4	8.5	5.5	345
9.5	22	33.3	32.1	257	26	23.8	22.7	260	18	21.8	20.4	275	4	7.0	5.6	126	3	7.7	3.2	290	15	9.7	9.4	255	4	9.6	7.3	340
10.0	19	35.9	34.7	259	21	27.2	26.3	253	14	22.0	21.1	276	3	6.5	5.4	136	2	8.7	8.6	250	15	10.5	10.1	254	3	9.8	8.9	300
10.5	17	39.1	37.8	257	13	26.8	25.8	257	12	22.5	21.7	280	3	7.3	6.7	151	2	11.3	9.8	221	13	10.4	9.7	255	3	11.7	11.2	284
11.0	13	41.7	40.5	256	11	30.8	29.9	255	9	21.5	20.7	275	2	9.5	9.4	129	2	12.7	11.4	220	13	11.5	10.9	257	3	14.3	14.3	279
11.5	9	42.7	40.9	250	9	35.7	31.3	253	9	24.7	23.9	273	1	10.0	10.0	125	..	..	..	..	12	12.9	12.1	255	2	15.5	15.3	283
12.0	5	40.7	37.0	254	5	35.2	34.1	259	6	27.9	27.4	273	..	..	..	..	..	..	..	..	12	13.2	12.3	253	1	15.0	15.0	310
12.5	4	34.7	31.4	257	5	39.3	38.1	259	3	30.0	30.0	263	..	..	..	..	..	..	..	..	9	13.6	12.6	258	1	12.0	12.0	310
13.0	4	35.4	31.2	262	2	43.3	40.7	259	2	27.7	27.3	257	..	..	..	..	..	..	..	..	6	13.9	12.5	254	1	13.5	13.5	280
13.5	2	21.5	21.5	232	1	44.0	44.0	280	2	29.7	29.5	259	..	..	..	..	..	..	..	..	3	12.7	11.3	242	..	..	..	..
14.0	1	39.0	39.0	235	..	..	..	..	1	38.0	38.0	260	..	..	..	..	..	..	..	..	2	10.5	9.9	233	..	..	..	..
14.5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	13.0	13.0	245	..	..	..	..

n = Number of flights.

V = Velocity of wind, regardless of direction, Metres per second.

v = Velocity of Resultant wind, taking account of direction, Metres per second.

L = Direction of Resultant wind, North wind = 0° or 360°, East wind = 90°.

TABLE 6—contd.—Monthly means of direction and velocity of upper winds, November 1922.

Height above sea Kms	AGRA.				SIMLA.				LAHORE.				BANGALORE.				CALCUTTA.				AKYAB.				QUETTA.			
	Height above sea 0-17 Km.				Height above sea 2-13 Kms.				Height above sea 0-21 Km.				Height above sea 0-92 Km.				Height above sea 0-01 Km.				Height above sea 0-01 Km.				Height above sea 1-68 Kms.			
	n	V	v	L	n	V	v	L	n	V	v	L	n	V	v	L	n	V	v	L	n	V	v	L	n	V	v	L
Ground level.	30	1.4	0.8	272	30	1.7	0.6	22	30	0.0	0.0	..	5	2.3	1.5	38	27	1.4	1.3	322	..	..	..	..	..	..	..	..
0.5	30	3.5	1.5	342	..	..	..	..	30	3.7	2.0	345	..	..	..	..	27	6.6	6.2	5	28	3.6	2.3	53	..	..	..	..
1.0	30	3.5	2.1	323	..	..	..	..	30	3.3	2.5	319	15	3.4	2.5	32	27	5.6	5.4	355	28	3.0	0.9	107	..	..	..	..
1.5	30	4.6	3.5	317	..	..	..	..	30	4.4	4.0	311	15	4.7	3.2	35	27	5.4	4.8	335	28	3.2	0.8	183	..	..	..	..
2.0	30	5.9	4.8	318	..	..	..	..	30	5.5	5.1	310	15	4.2	1.6	13	27	6.3	4.8	301	28	3.7	1.3	198	28	1.8	1.1	329
2.5	30	6.3	5.3	317	30	3.2	0.8	353	30	5.9	5.5	311	13	5.0	2.2	33	25	7.3	5.9	278	28	4.1	2.0	214	28	4.4	3.7	820
3.0	30	6.5	5.6	312	30	3.9	1.3	303	30	6.1	5.6	315	12	5.0	2.6	40	25	7.9	6.9	272	27	5.7	3.0	236	28	6.8	4.9	320
3.5	30	6.8	5.6	305	30	3.9	1.5	312	30	6.3	5.3	310	12	5.9	3.1	49	23	8.3	7.2	270	27	6.8	4.5	250	28	7.8	5.8	311
4.0	30	7.8	6.5	301	30	4.4	2.1	307	29	5.9	4.5	299	12	6.7	3.5	46	23	9.4	8.9	275	28	7.2	5.7	256	26	9.3	7.0	306
4.5	29	10.0	8.9	291	30	5.4	2.9	291	29	7.0	5.5	286	11	8.3	5.7	44	23	10.5	9.9	275	25	8.1	6.7	259	26	9.8	7.9	300
5.0	28	12.0	11.0	287	30	7.1	5.0	283	29	8.8	7.4	280	9	8.7	6.0	41	21	11.6	10.8	273	22	9.2	7.5	259	25	11.5	9.7	286
5.5	28	15.5	14.0	281	30	9.0	7.0	278	29	10.0	8.7	278	9	9.5	7.4	52	20	12.8	12.2	273	21	9.5	8.0	259	22	12.8	11.0	277
6.0	28	17.7	16.2	278	30	11.5	9.9	277	29	11.2	10.1	277	7	10.1	8.9	56	20	14.1	13.4	276	17	10.9	9.9	268	19	14.5	13.6	281
6.5	28	19.7	18.2	277	30	14.1	12.5	276	28	12.7	11.4	274	5	10.7	9.1	57	16	14.9	14.4	277	16	11.6	10.9	269	17	16.8	15.3	283
7.0	27	21.9	20.6	275	29	16.8	15.5	274	28	15.4	14.0	275	4	8.6	7.1	54	12	13.9	13.6	275	16	12.3	11.7	271	15	17.9	16.5	279
7.5	27	24.4	23.2	275	29	20.3	18.9	272	28	18.5	17.1	276	4	7.4	6.1	54	7	15.1	15.0	272	16	13.0	12.0	271	12	18.9	17.5	275
8.0	27	27.5	26.0	274	28	23.6	21.9	271	28	21.8	20.2	275	3	3.2	2.6	44	4	16.0	15.9	277	14	13.2	12.2	273	8	20.1	18.3	266
8.5	26	30.4	29.0	274	26	26.7	25.1	270	26	24.0	22.3	273	3	3.2	2.4	41	4	17.7	17.5	280	11	11.8	10.9	271	4	22.6	19.9	281
9.0	25	33.9	32.4	273	26	30.0	28.3	269	25	27.5	25.9	273	2	4.5	3.3	38	3	17.7	17.6	277	10	13.1	11.3	269	1	30.0	30.0	325
9.5	24	35.5	34.0	273	24	33.0	31.4	269	23	29.6	27.9	270	1	3.0	3.0	120	..	..	..	..	9	13.8	12.8	275	..	..	..	..
10.0	19	37.9	37.1	275	19	33.6	32.2	272	16	28.2	26.5	280	1	3.5	3.5	205	..	..	..	..	9	15.5	14.1	274	..	..	..	..
10.5	15	39.7	38.8	274	15	33.6	32.0	279	12	31.0	28.7	278	1	7.5	7.5	155	..	..	..	..	9	17.1	15.9	275	..	..	..	..
11.0	12	40.3	39.7	271	11	36.6	35.4	236	6	34.4	33.8	273	..	..	..	..	..	..	..	6	14.8	13.1	271	..	..	..	..
11.5	7	42.2	41.4	272	6	31.9	29.7	292	3	28.3	26.6	270	..	..	..	..	..	..	..	6	15.7	13.4	266	..	..	..	..
12.0	6	44.5	44.0	271	4	30.9	30.1	292	1	36.0	36.0	280	..	..	..	..	..	..	..	6	16.3	14.7	262	..	..	..	..
12.5	5	48.8	48.6	274	4	31.6	30.7	289	1	38.0	38.0	285	..	..	..	..	..	..	..	4	12.0	12.0	248	..	..	..	..
13.0	2	51.0	48.6	276	2	26.5	26.1	281	1	44.0	44.0	285	..	..	..	..	..	..	..	3	10.0	9.8	257	..	..	..	..
13.5	..	..	..	..	2	27.5	27.3	281	..	..	..	..	..	..	..	..	..	..	..	2	7.7	7.4	278	..	..	..	..
14.0	..	..	..	..	2	30.5	30.5	275	..	..	..	..	..	..	..	..	..	..	..	2	7.5	5.5	251	..	..	..	..
14.5	..	..	..	..	2	35.0	35.0	282	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
15.0	..	..	..	..	2	38.5	36.3	274	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

n = Number of flights.

V = Velocity of wind, regardless of direction, Metres per second.

v = Velocity of Resultant wind, taking account of direction, Metres per second.

L = Direction of Resultant wind, North wind = 0° or 360°, East wind = 90°.

TABLE 6—concl'd.—Monthly means of direction and velocity of upper winds, December 1922.

Height above sea Kms.	AGRA.				SIMLA.				LAHORE.				BANGALORE.				CALCUTTA.				AKYAB.				QUETTA.			
	Height above sea 0-17 Km.				Height above sea 2-13 Kms.				Height above sea 0-21 Km.				Height above sea 0-92 Km.				Height above sea 0-01 Km.				Height above sea. 0-01 Km.				Height above sea 1-68 Kms.			
	n	V	v	L	n	V	v	L	n	V	v	L	n	V	v	L	n	V	v	L	n	V	v	L	n	V	v	L
Ground level.	28	2.2	0.7	277	28	2.5	0.7	23	31	0.0	0.0	..	29	3.1	2.8	77	30	0.8	0.7	322	..	..	..	..	8	0.5	0.4	135
0.5	28	6.0	2.0	314	..	..	..	..	31	4.3	1.3	343	..	..	..	..	28	5.4	4.5	356	29	3.5	2.4	37	..	..	..	..
1.0	28	5.8	3.5	304	..	..	..	..	31	4.2	1.5	302	29	4.2	3.5	80	29	4.8	3.8	337	29	3.4	0.8	101	..	..	..	..
1.5	28	5.9	4.5	302	..	..	..	..	30	4.9	2.4	307	29	5.4	4.5	63	28	5.6	4.3	319	29	4.9	1.7	245	..	..	..	..
2.0	28	6.4	5.5	295	..	..	..	..	28	5.1	3.0	306	28	4.7	3.6	59	27	6.3	5.1	308	29	5.5	3.2	251	23	3.1	1.8	287
2.5	28	8.2	7.3	301	27	4.9	1.7	332	28	6.0	4.2	300	27	4.5	2.9	77	26	7.9	6.9	302	29	6.5	4.9	253	23	5.5	4.6	293
3.0	27	9.5	8.2	298	28	5.5	2.0	290	28	6.7	5.2	295	25	4.8	3.0	56	24	9.4	8.4	289	29	7.5	6.5	260	23	8.7	8.0	304
3.5	26	11.0	10.1	295	27	6.3	3.5	290	27	8.2	6.6	290	25	5.2	3.4	46	23	11.4	10.2	280	27	9.2	8.4	267	23	11.9	11.0	301
4.0	26	13.3	12.4	293	27	7.5	4.3	289	26	9.3	7.7	288	23	5.7	4.2	46	23	13.8	12.5	279	25	9.9	9.3	267	19	15.2	14.1	300
4.5	25	15.9	15.3	293	26	9.0	6.8	291	25	11.5	9.8	286	22	6.5	5.2	44	22	15.2	13.9	275	25	10.8	10.2	267	17	17.9	17.0	291
5.0	25	19.1	18.3	291	25	12.1	10.4	291	24	13.2	11.7	289	22	7.6	6.0	46	20	17.8	17.1	274	26	12.4	11.4	268	14	20.0	19.1	297
5.5	25	21.8	21.0	288	25	15.2	12.8	288	20	15.5	13.7	292	22	8.2	6.5	41	18	20.0	19.4	276	23	13.9	13.2	275	11	20.3	19.7	293
6.0	24	23.9	22.9	287	24	18.4	15.2	281	18	17.9	16.0	292	20	8.7	7.1	35	13	20.5	19.8	283	22	15.9	15.2	276	5	18.6	18.1	284
6.5	22	26.5	25.0	284	21	21.8	20.6	287	17	21.2	18.9	290	20	8.7	7.3	25	7	20.4	19.5	282	21	17.3	16.4	273	3	18.0	17.0	28
7.0	20	30.6	28.9	285	20	24.8	23.5	285	16	26.4	23.9	288	20	6.5	5.7	13	4	16.0	15.8	275	16	17.5	16.2	266	1	18.0	18.0	251
7.5	19	33.1	31.6	284	17	26.9	25.3	284	14	29.1	26.2	287	16	7.3	5.7	3	2	23.0	22.9	286	15	18.9	17.7	264	1	24.0	24.0	25
8.0	18	36.4	34.7	282	13	29.1	27.1	280	11	29.8	26.8	276	15	6.8	4.4	347	1	19.5	19.5	295	11	21.7	20.1	256	1	31.0	31.0	251
8.5	15	38.5	36.7	284	7	25.8	25.0	277	7	28.5	26.4	283	13	6.2	4.5	347	1	19.5	19.5	300	9	23.1	21.1	253	1	37.6	37.0	25
9.0	12	38.6	37.5	283	6	28.0	27.1	275	6	33.6	32.3	290	6	6.0	4.8	334	1	20.0	20.0	285	8	23.2	21.4	253	1	39.5	39.5	25
9.5	11	43.3	41.8	286	6	29.0	28.3	274	1	34.0	34.0	300	5	6.3	4.5	306	..	..	..	..	7	22.9	21.5	258	..	..	..	..
10.0	7	42.4	40.5	289	5	33.9	33.7	269	..	..	..	..	5	7.6	6.8	286	..	..	..	..	6	23.8	22.7	262	..	..	..	..
10.5	4	48.9	48.9	295	1	56.0	56.0	270	..	..	..	..	4	10.5	9.9	283	..	..	..	..	3	21.5	19.8	247	..	..	..	..
11.0	3	52.8	52.7	292	1	63.5	63.5	265	..	..	..	..	2	9.0	7.6	267	..	..	..	..	3	22.3	20.5	248	..	..	..	..
11.5	1	54.0	54.0	290	..	..	..	..	..	..	..	..	1	11.0	11.0	215	..	..	..	..	2	21.3	20.3	231	..	..	..	..
12.0	1	58.5	58.5	290	..	..	..	..	..	..	..	..	1	12.5	12.5	215	..	..	..	..	2	22.5	21.1	229	..	..	..	..
12.5	1	63.0	63.0	290	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	27.0	27.0	215	..	..	..	..

n = Number of flights.

V = Velocity of wind, regardless of direction, Metres per second.

v = Velocity of Resultant wind, taking account of direction, Metres per second.

L = Direction of Resultant wind, North wind = 0° or 360°, East wind = 90°.

Humidity and cloud.

The mean monthly and annual values of vapour tension, humidity and cloud in the fifteen chief political divisions of India are given in the following three tables.

TABLE 7.—*Monthly and annual means of vapour tension with their departures from normal in the 15 chief political divisions of India.*

DIVISION.	JAN.		FEB.		MAR. H. O.		APRIL.		MAY.		JUNE.		JULY.		AUGUST.		SEPT.		OCT.		NOV.		DEC.		YEAR.	
	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.
Burma.	547	+007	555	-027	652	-013	765	-012	840	-022	881	-015	880	-008	876	-014	884	-010	845	-013	738	+023	575	+001	768	-009
Assam.	420	+019	441	-001	547	+006	685	-005	816	+011	922	+012	946	+003	937	-003	934	+014	757	-035	572	-015	419	-010	700	0
Bengal.	428	-004	454	-026	613	-023	775	-028	885	-008	943	-020	972	-001	949	-014	944	-011	788	-057	581	-039	453	-001	732	-019
Bihar and Orissa.	390	-001	383	-046	417	-083	577	-038	731	-028	890	+001	943	+016	922	-007	920	+015	702	-038	508	0	401	+012	649	-016
United Provinces.	341	+030	350	+022	314	-065	368	-078	469	-123	812	+006	950	+022	914	-019	893	+034	579	-021	400	-012	383	+035	562	-014
Punjab.	277	+032	305	+031	321	-040	369	-053	414	-095	690	0	879	+025	853	-021	800	+061	454	+010	299	-011	294	+049	490	-001
North-West Frontier Province.	139	+033	265	+021	330	-029	438	-033	434	-109	655	-018	825	-030	870	-009	771	+073	427	+005	251	-037	233	+019	478	-009
Sind.	326	+050	324	+007	445	+039	555	-017	661	-066	885	+014	910	+011	829	-024	820	+039	584	0	349	-058	369	+082	588	+006
Rajputana.	285	+002	227	-048	219	-076	261	-102	355	-168	691	-086	792	-039	739	-075	758	+025	421	-031	256	-051	253	+003	434	-047
Bombay.	395	+017	410	+014	451	-051	618	-027	691	-074	821	-018	821	-017	783	-030	780	-007	631	-040	516	+029	389	-003	609	-017
Central India.	325	+035	329	+043	319	-047	411	-027	489	-064	741	-003	847	+014	778	-048	807	+021	485	-053	409	+043	306	+011	520	-006
Central Provinces.	352	+027	314	-007	252	-106	322	-103	441	-080	726	+002	790	-006	749	-042	765	-004	517	-060	451	+048	316	-014	500	-029
Hyderabad.	478	+048	367	-062	368	-111	519	-053	560	-090	711	-002	713	-015	691	-031	700	-027	599	-040	572	+076	384	-042	555	-029
Mysore.	488	+013	462	-058	555	-010	653	-032	676	+011	651	-003	629	-011	623	-014	603	-029	602	-038	595	+039	451	-041	582	-014
Madras.	652	+019	628	-050	739	-016	829	-019	842	-016	798	-028	777	-025	790	-021	794	-022	799	+012	761	+039	605	-035	751	-015

TABLE 8.—*Monthly and annual means of humidity with their departures from normal in the 15 chief political divisions of India.*

DIVISION.	JAN.		FEB.		MARCH.		APRIL.		MAY.		JUNE.		JULY.		AUGUST.		SEPT.		OCT.		NOV.		DEC.		YEAR.	
	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.
Burma.	83	-3	77	-4	74	-2	74	+1	77	-3	87	-2	90	0	90	0	91	0	88	0	86	+1	84	-1	83	-1
Assam.	93	-1	87	0	80	-4	79	-5	85	-2	91	+1	91	+1	92	+1	92	+1	89	0	89	-1	91	-3	88	-1
Bengal.	81	-4	75	-5	71	-6	72	-5	76	-4	88	+1	88	-1	89	-1	88	0	83	-2	78	-4	81	-2	81	-3
Bihar and Orissa.	79	-1	65	-9	48	-14	52	-7	57	-7	81	+4	88	+2	88	0	88	+3	78	-1	74	-2	79	+1	73	-3
United Provinces.	82	+3	69	-2	42	-13	33	-9	34	-12	66	+2	85	+8	88	+2	85	+4	69	-1	69	-1	83	+6	67	-1
Punjab.	85	+7	76	+3	52	-10	40	-6	33	-6	54	+6	70	+1	72	-3	78	+9	62	+6	65	+2	83	+11	64	+2
North-West Frontier Province.	79	+8	74	+3	61	-7	55	-4	39	+2	49	+6	56	-7	70	-9	75	+9	63	+5	61	-5	74	+3	63	+1
Sind.	72	+11	59	0	55	+1	53	-3	54	-4	68	+2	68	-4	73	-2	73	-1	63	+1	53	-5	69	+9	63	0
Rajputana.	60	+2	44	-7	28	-12	24	-9	27	-12	54	-1	68	-3	73	-4	75	+6	48	-1	44	-6	60	+3	50	-4
Bombay.	62	+2	56	0	51	-5	57	-2	60	-5	75	-1	82	0	82	-2	83	+1	66	-3	63	+4	61	+3	67	-1
Central India.	71	+3	54	-1	37	-12	35	-3	36	-5	64	+1	87	+4	86	-1	87	+4	57	-5	65	+5	66	+2	62	-1
Central Provinces.	66	+4	47	-6	28	-14	26	-10	32	-6	67	+2	84	+1	82	-5	84	+1	60	-6	67	+6	63	+1	59	-3
Hyderabad.	70	+7	48	-7	37	-12	43	-6	46	-3	71	+3	79	+1	75	-5	78	-1	65	-2	73	+11	60	-3	62	-1
Mysore.	73	+1	62	-9	65	-2	69	-5	77	+3	80	-1	84	0	88	-1	86	-3	77	-4	81	+6	70	-4	75	-2
Madras.	81	+2	74	-3	73	-1	72	-1	71	+1	71	-2	75	-1	76	-3	76	-3	81	+1	83	+4	77	-1	76	-1

TABLE 9.—Monthly and annual means of cloud with their departures from normal in the 15 chief political divisions of India.

DIVISION.	JAN.		FEB.		MARCH.		APRIL.		MAY.		JUNE.		JULY.		AUGUST.		SEPT.		OCT.		NOV.		DEC.		YEAR.	
	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.	Actual.	Departure.
Burma . . .	3.4	+1.4	2.0	-0.3	3.0	+0.6	4.7	+1.4	5.6	-0.2	8.0	+0.2	8.4	+0.4	8.2	+0.1	7.4	+0.2	5.4	+0.1	5.7	+1.9	3.9	+1.0	5.5	+0.6
Assam . . .	4.2	+0.2	3.2	-1.4	3.9	-0.7	4.2	-1.5	5.2	-0.4	7.0	+0.1	6.4	-1.3	7.3	-0.3	5.8	-1.0	4.0	-1.3	3.4	-0.9	3.8	+0.6	4.9	-0.7
Bengal . . .	2.7	+0.8	1.2	-1.3	2.2	-0.8	4.1	+0.1	4.3	-0.5	7.7	+0.6	7.7	-0.1	7.7	+0.2	6.8	+0.5	3.6	0	2.5	+0.6	1.1	-0.6	4.3	0
Bihar and Orissa .	2.7	+0.8	1.8	-1.1	1.1	-0.9	2.4	-0.1	2.5	-0.4	6.9	+1.1	7.6	+0.7	7.6	+0.8	6.6	+1.1	3.0	+0.4	2.7	+0.8	1.3	-0.1	3.8	+0.3
United Provinces .	3.7	+1.3	1.5	-1.2	1.4	-0.5	1.2	-0.4	1.2	-0.4	4.2	+0.2	7.3	+0.8	8.1	+1.4	5.3	+1.3	0.5	-0.7	1.1	+0.3	1.8	+0.4	3.1	+0.2
Punjab . . .	3.7	+0.2	2.8	-0.7	2.9	-0.4	2.4	0	1.4	-0.1	2.4	+0.3	3.7	-0.6	3.3	-1.1	3.5	+1.5	0.7	+0.1	0.5	-0.8	2.9	+0.4	2.5	-0.1
North-West Frontier Provinces.	3.1	-0.7	3.5	-0.3	2.5	-1.5	2.0	-1.1	2.0	+0.4	0.9	-0.7	0.9	-1.8	1.2	-1.5	1.4	+0.3	0.8	0	0.3	-1.6	4.3	+1.2	1.9	-0.6
Sind . . .	1.3	-1.4	1.1	-1.5	1.8	-0.6	0.8	-1.2	1.1	-0.5	3.0	-0.1	3.9	-0.1	4.0	-0.7	2.5	+0.2	0.7	-0.1	0.8	-0.5	1.6	-0.6	1.9	-0.6
Rajputana . . .	2.6	+0.6	1.6	-1.1	1.7	-0.6	1.4	-0.4	0.8	-0.3	2.4	-0.4	5.4	-0.4	5.4	-0.7	4.3	+0.9	0.4	-0.6	0.8	-0.3	1.2	-0.8	2.3	-0.3
Bombay . . .	1.7	+0.4	0.8	-0.5	0.9	-0.6	2.7	+0.7	2.5	-0.1	6.0	-0.3	8.1	+0.2	8.1	+0.5	6.4	+0.8	2.3	-0.5	2.7	+1.2	1.0	-0.6	3.6	+0.1
Central India . . .	3.1	+0.9	0.7	-1.6	0.8	-1.1	1.7	-0.2	1.5	-0.2	4.5	-0.7	8.2	+0.2	8.5	+0.3	6.8	+1.6	0.6	-1.1	2.0	+0.8	1.3	-0.4	3.3	-0.1
Central Provinces .	3.1	+1.3	1.3	-0.7	0.8	-0.8	2.4	+0.4	2.7	+0.8	5.7	+0.2	8.1	+0.2	7.4	-0.5	6.2	+0.5	2.3	-0.2	3.8	+2.2	1.3	-0.6	3.8	+0.2
Hyderabad . . .	3.4	+1.5	1.2	-0.3	0.7	-0.6	3.0	+0.5	3.3	+0.8	6.3	+0.2	8.1	+0.6	7.1	0	6.6	+0.6	4.0	+0.6	5.0	+2.7	0.6	-1.4	4.1	+0.4
Mysore . . .	3.3	+0.3	1.7	-0.7	0.7	-1.0	2.8	-0.7	5.2	+0.1	5.9	+0.4	8.5	-0.4	8.1	-0.6	7.1	-0.2	6.7	+0.3	6.7	+1.7	2.1	-1.7	4.9	-0.2
Madras . . .	3.8	+1.1	2.8	+0.5	1.6	-0.8	4.0	+0.4	5.2	+1.0	6.3	+0.2	7.2	+0.5	6.6	+0.2	6.0	-0.1	6.3	+1.3	6.2	+1.9	2.6	-1.1	4.9	+0.4

Log of the S. S. City of Harvard.

Referred to on page 11.

20th November 1922.	Baro-meter corrected.	Wind Direction.	Force.	REMARKS.	20th November 1922.	Baro-meter corrected.	Wind Direction.	Force.	REMARKS.
4 A.M. .	29.68	E N E	6	High sea; heavily overcast with heavy showers.	Noon .	28.73	N E/E		
8 A.M. .	29.60	"	9	Heavy sea; overcast with heavy rain.	12-50 P.M.	28.70	N N E		Wind and sea eased off and vessel answered the helm.
10 A.M. .	29.40	N E/E		Bar. falling, wind increasing and sea rising rapidly; altered course to W. S. W.	1-40 P.M.	28.60	W N W		Moderate to strong wind; brought ship's head to S. S. E.
11 A.M. .	29.09	"		Vessel refused to answer her helm owing to wind of hurricane force and very high sea. Vessel labouring and straining heavily. Engines racing violently. The heavy sea breaking on board doing deck damage.	2-30 P.M.	28.49	W	10-12	Wind again increased in violence to hurricane force; sea rising rapidly; vessel again refused to answer the helm. Wind and sea gradually backing into S. W. and ship making about SE.
				The terrific force of the wind tearing, furred awnings and screens away from their gaskets and hurling moveable articles in every direction. Heavy seas loosened wedges and battens of hatches, wind and sea splitting tarpaulings, wireless aerial wires blown down and various other damages sustained. Straining of vessel caused decks to leak above master's and officer's accommodation, first class dining saloon, and passenger's cabins on bridge and saloon decks. Considerable water entering the cabins.	3-00 P.M.	28.78	W	12	
				Sky overcast; terrific down-pours of rain. Vessel being enveloped in sea and spray made it impossible to see more than a few yards.	3-30 P.M.	28.98	W S W	12	
					4-00 P.M.	29.14	S W/S	11	
					4-40 P.M.	29.27	S W		Wind and sea moderating. Vessel answering to her helm.
					5-40 P.M.	29.39	S W		Wind and sea still moderating. Bar. rising rapidly; brought ship's head to her course 826° W.

Rainfall.

I.—The cold weather period, January and February.—

The chief features of the season were (1) the persistence of late monsoon conditions in the south of the Bay till the middle of February causing a large excess of rainfall in the Peninsula and the central parts of the country and (2) the moderate to large deficiency of rainfall in northern India, excluding the United Provinces, and in Upper Burma. This opposition between the strength of the monsoon in the south and that of the cold weather depressions in the north has often been noticed.

The monsoon was vigorous over the greater part of the Peninsula in the first ten days of January and being aided by two western disturbances extended into the central parts of the country also. After a lull of ten days it revived again on the 21st and continued spasmodically active in the south of the Bay till the middle of February.

The western disturbances that appeared in northern India in January gave more rainfall in the United Provinces and northeast India than in northwest India; while those of February, although as numerous as usual and productive of unusually heavy rain in north Persia and the North-West Frontier Province, failed to give any appreciable rain in the plains of India.

The total rainfall of the period was six to seven times the normal in Hyderabad and Mysore, about four times the normal in the Bombay and the Madras Deccans and thrice the normal in Berar and the Bay Islands; it was also in large excess in Central India, the Central Provinces West, Malabar and southeast Madras. The normal amount was received in lower Burma, the United Provinces, the Konkan and the Madras Coast North. Elsewhere there was a moderate to large deficiency, weather being dry or almost so in Sind and west Rajputana.

*II.—The hot weather period, March to May.—*The chief feature of the weather in northern and central India was its unusual dryness. As many as sixteen western disturbances entered northwest India, but the precipitation associated with them was confined chiefly to the hills round the Punjab; it was but occasionally that rainfall extended to the plains of the Punjab, and only once in the first two months into the United and Central Provinces. While themselves giving no rain, these disturbances delayed also the proper development of hot weather conditions and the usual thunderstorms occurred in northwest and central India only in the last week of May. In northeast India March was practically dry outside Assam; there was an improvement in the next two months, but the inflow of damp winds from the Bay was less strong than usual and rainfall was generally in moderate to large defect.

Burma and the Peninsula fared better: in March thunder-showers were heavier than usual in parts of Lower Burma and south Madras; in April thunderstorms were on the whole less numerous in the Peninsula excluding Bombay, while in Burma thunderstorms were altogether absent till the 11th; but a severe storm which formed in the Bay in connection with a temporary advance of the monsoon and crossed the coast near Cox's Bazar gave a burst of wide-

spread and locally heavy rain in Burma between the 21st and 24th. In May thunderstorms were fairly frequent in the south of the Peninsula in the first ten days, and a temporary advance of the monsoon in the southeast Arabian Sea gave widespread rain there in the next two weeks; in Burma rainfall was mostly confined to Tennasserim and Pegu in the first fortnight; but after the 20th monsoon conditions were gradually established on the south Burma coast and by the end of the month the monsoon had extended to Upper Burma and northeast India.

The total rainfall of the period was above normal in Malabar and north Hyderabad, and normal in the Bay Islands, Lower Burma, the Konkan, the Bombay Deccan, Mysore, Madras Southeast and the Madras Deccan. Elsewhere it was in moderate to large defect, weather being absolutely dry in Sind and Gujarat.

*III.—The monsoon period, June to September.—*Both the branches of the monsoon arrived at the close of May; and the Arabian Sea current extended with great rapidity into the Central Provinces, the United Provinces and the Punjab within the next two days. This vigorous onset was however shortly followed by an almost complete break which lasted from the 4th to 12th June; the monsoon steadily revived after that date, and in the last ten days of June and during the greater part of July its activity was mainly directed to northeast India, the United Provinces and the central parts of the country. In the Peninsula excluding the west coast and in most of northwest India the monsoon was very weak till the middle of July, when it strengthened in both these areas; but while it continued vigorous in northwest India till the close of the month, it weakened again in the Peninsula after the 24th.

By the 4th August a break had set in in the Peninsula excluding the west coast and in northwest India. This extended slowly, and between the 9th and 14th there was a well marked break over the greater part of the country excluding Burma, northeast India and the submontane districts of the United Provinces. Fortunately the monsoon revived after the 15th and rainfall reappeared in the Peninsula and extended into the Central Provinces and up the Gangetic plain. During September the monsoon was stimulated into vigorous activity in northern and central India by three depressions from the Bay and two disturbances from the west; but over the greater part of the Peninsula on the other hand it was unusually weak. The monsoon withdrew from northwest India on the 22nd September, about a week later than usual; and even on the west coast there was hardly any rain after the 23rd.

Ten disturbances formed in the Bay and one over deltaic Bengal in the monsoon period. Several western disturbances appeared in Kashmir and stimulated the activity of the monsoon in the extreme north; of these the most important was that between the 13th and 27th September, which, in combination with depressions in the Central Provinces and northeast India, gave widespread and heavy rain over the whole of northern India.

The total rainfall of the period was above normal by about 15" or 44 per cent. in the United Provinces East, 15.5" or 38 per cent. in Bihar, 12.3" or 22 per cent. in Bengal, 10.4" or 32 per cent. in the United Provinces West, and 10.1" or 24 per cent. in Chota Nagpur. It was in excess by 10 to 20 per cent. in Orissa, the North-West Frontier Province, Rajputana East, Central India and Malabar. About the normal amount was received in the Bay Islands, Burma, Assam, the Punjab, Kashmir, Rajputana West, Gujarat, the Central Provinces and the Konkan. Elsewhere rainfall was in defect, the deficiency being 30 per cent. or over in Baluchistan, Sind, Hyderabad South, Mysore and the Madras Deccan.

Averaged over the plains of India the total monsoon rainfall was 2.0" or 6 per cent. above normal.

IV.—The retreating southwest monsoon period, October to December.—The monsoon was vigorous in northeast India in the first week of October, but withdrew from there after the 7th; during the rest of the month it was weaker than usual and was nearly confined to the south of the Peninsula.

In November and the first ten days of December, on the other hand, the monsoon was unusually strong and gave rise to five storms in the Bay: two of these went into Burma and caused widespread rain there; and two, travelling in a westerly direction, gave very heavy rain in parts of the Peninsula. The monsoon weakened in the second week of December, but the western disturbances in the north were very active and brought the winter rains to the plains of northern India at a much earlier date than usual.

The total rainfall of the period October to December was above normal in the Bay Islands, Upper Burma, the Punjab, Rajputana East, Central India West, Berar and the greater part of the Peninsula. It was normal in Lower Burma, Chota Nagpur, the North-West Frontier Province, the Konkan and Hyderabad South, and in defect elsewhere. The deficiency was 40 per cent. or more in Orissa, Bihar, the United Provinces East, Baluchistan, Sind, Rajputana West, Gujarat and Central India East.

The year.—I. The retreating monsoon of the previous year persisted in the south of the Bay till the middle of February causing a large excess of rainfall in the Peninsula and the central parts of the country, while the winter precipitation in northern India was in moderate to large defect.

II. Weather was much drier than usual in the period March to May except in Lower Burma and the Peninsula.

III. The monsoon was stronger than usual in the United Provinces and northeast India, and gave roughly normal amounts in the central parts of the country and over the greater part of northwest India. In Mysore and the Deccan plateau it was very weak.

IV. The monsoon retreated at an earlier date than usual from northeast India, but was vigorous in Burma and the Peninsula. Winter disturbances began early and gave very heavy rain in the Punjab plains.

V. Taking the year as a whole rainfall was fairly well distributed except in Sind and Baluchistan where there was a large deficiency.

**Table 10.—Average over the 15 chief political divisions of the monthly and annual rainfall,
and its departure from normal.**

TABLE 10.—Average over the 15 chief political divisions of the

DIVISION.	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.		
	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.
Burma	0.13	0	0	0.07	-0.12	-63	0.49	-0.01	-2	3.10	+1.69	+120	5.23	-3.43	-40	12.85	-2.42	-16
Assam	0.63	-0.12	-16	0.17	-1.32	-89	2.90	-0.93	-24	6.32	-3.11	-33	9.09	-3.56	-28	17.43	-0.29	-2
Bengal	0.22	-0.17	-44	0.09	-0.92	-91	0.12	-1.61	-93	1.46	-1.85	-56	3.93	-4.14	-51	23.31	+8.66	+59
Bihar and Orissa	0.51	0	0	0.14	-0.85	-86	0.04	-0.72	-95	0.40	-0.48	-55	0.99	-1.50	-60	12.53	+4.26	+52
United Provinces .	1.42	+0.60	+73	0.27	-0.49	-64	0.01	-0.49	-98	0.12	-0.13	-52	0.14	-0.54	-78	3.81	-0.50	-12
Punjab	0.69	-0.40	-37	0.36	-0.59	-62	0.08	-0.79	-91	0.15	-0.37	-71	0.12	-0.43	-78	2.27	+0.52	+30
North-West Frontier Province.	0.65	-0.81	-55	1.64	+0.26	+19	0.64	-1.36	-68	0.54	-1.13	-68	0.66	-0.11	-14	1.13	+0.19	+20
Sind	0.02	-0.23	-92	0.12	-0.20	-63	0	-0.26	-100	0.01	-0.08	-89	0	-0.10	-100	0.02	-0.49	-96
Rajputana . . .	0.21	-0.10	-32	0.02	-0.30	-94	0	-0.26	-100	0.01	-0.17	-94	0.23	-0.15	-41	2.36	+0.21	+10
Bombay	0.39	+0.30	+33	0.05	-0.03	-27	0	-0.11	-100	0.52	+0.11	+27	0.82	-0.10	-11	9.10	+0.16	+2
Central India . .	1.12	+0.79	+239	0.11	-0.29	-73	0	-0.26	-100	0.03	-0.20	-87	0.16	-0.12	-43	4.03	-0.34	-8
Central Provinces .	1.45	+1.08	+292	0.14	-0.55	-80	0.01	-0.50	-98	0.24	-0.31	-56	0.18	-0.31	-63	7.65	+0.56	+8
Hyderabad . . .	2.42	+2.27	+113	0.02	-0.19	-90	0	-0.38	-100	0.34	-0.35	-51	1.21	+0.53	+68	4.66	-0.22	-5
Mysore	0.95	+0.84	+764	0.35	+0.25	+250	0.01	-0.30	-97	1.37	-0.13	-9	4.25	+0.68	+19	3.47	-1.33	-28
Madras	1.33	+0.80	+151	0.48	+0.04	+9	0.18	-0.45	-71	1.55	-0.20	-11	4.23	+0.98	+30	7.26	-0.23	-3
Mean of India . .	0.77	+0.33	+75	0.20	-0.35	-64	0.24	-0.47	-66	1.11	-0.15	-12	2.12	-0.98	-32	8.08	+0.89	+5

monthly and annual rainfall, and its departure from normal.

JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.			YEAR.		
Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.
17.80	+1.15	+7	17.91	+1.81	+11	13.56	+1.54	+13	5.94	-0.67	-10	3.33	+1.17	+54	1.47	+0.90	+206	81.88	+1.70	+2
15.87	-2.35	-13	16.81	+0.21	+1	10.85	-1.05	-9	4.59	-0.80	-15	0.36	-0.53	-60	0.40	+0.01	+3	85.42	-13.84	-14
14.41	-0.97	-6	16.21	+1.88	+13	13.58	+2.70	+25	4.45	-0.24	-5	0.25	-0.51	-67	0.04	-0.16	-80	78.07	+2.67	+4
17.21	+4.85	+39	13.62	+0.66	+5	10.73	+2.25	+27	1.51	-1.19	-44	0.30	-0.30	-50	0.14	-0.05	-26	58.12	+6.93	+14
15.76	+4.34	+38	16.49	+5.12	+45	9.87	+3.52	+55	0.10	-1.24	-93	0.01	-0.17	-94	0.83	+0.51	+159	48.83	+10.56	+28
4.59	-0.67	-13	3.55	-1.78	-33	5.69	+3.03	+114	0.16	-0.08	-33	0	-0.13	-100	1.09	+0.69	+173	18.75	-1.00	-5
1.86	-1.01	-35	3.10	-0.04	-1	3.21	+1.99	+163	0.47	+0.08	+21	0.06	-0.29	-83	0.82	+0.27	+49	14.78	-1.96	-12
0.68	-1.98	-74	0.43	-1.29	-75	0.12	-0.36	-75	0	-0.03	-100	0	-0.06	-100	0.01	-0.08	-99	1.41	-5.11	-78
7.77	+0.97	+14	4.81	-1.33	-22	5.06	+1.77	+55	0.04	-0.32	-89	0.04	-0.10	-71	0.49	+0.27	+123	20.97	+0.49	+2
15.77	+0.13	+1	4.95	-4.58	-48	6.67	+0.22	+3	1.33	-1.06	-44	3.08	-2.43	+374	0.04	-0.16	-80	42.74	-2.68	-6
14.64	+3.75	+34	8.56	-1.68	-16	7.91	+2.42	+44	0.07	-0.68	-91	0.84	+0.45	+115	0.32	+0.10	+45	37.79	+8.94	+12
14.44	+1.03	+8	7.04	-5.02	-42	10.80	+3.51	+48	0.22	-1.38	-86	2.16	+1.66	+332	0.04	-0.36	-90	44.37	-0.59	-1
5.26	-1.78	-25	3.65	-3.44	-49	6.69	-0.79	-11	2.08	-0.55	-21	2.30	+1.47	+177	0.01	-0.29	-97	28.74	-3.72	-11
6.21	-1.21	-16	4.16	-1.08	-21	1.91	-3.07	-62	6.48	+1.04	+19	5.34	+3.23	+153	0.06	-0.43	-88	34.56	-1.51	-4
10.26	+1.96	+24	5.68	-0.93	-14	4.73	-1.14	-19	7.90	+0.11	+1	10.48	+5.16	+97	1.41	-0.79	-36	55.49	+5.31	+11
12.22	+0.97	+9	9.39	-0.72	-7	8.34	+1.40	+20	2.58	-0.59	-19	2.28	+1.08	+90	0.62	+0.12	+24	47.95	+1.03	+2

TABLE 11.—Average over the 33 sub-divisions of the monthly and annual

SUB-DIVISION.	JANUARY.					FEBRUARY.					MARCH.				
	RAINY DAYS.		RAINFALL.			RAINY DAYS.		RAINFALL.			RAINY DAYS.		RAINFALL.		
	Actual.	Departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.
1. Bay Islands	2.0	+0.7	4.83	+3.90	+419	2.0	+0.9	0.67	-0.08	-11	1.0	-0.2	0.31	-0.56	-64
2. Lower Burma	0.5	+0.2	0.27	+0.11	+69	0.4	0	0.15	-0.10	-40	1.1	+0.4	0.87	+0.26	+43
3. Upper Burma	0.2	-0.1	0.04	-0.06	-60	0	-0.4	0.02	-0.12	-86	0.5	-0.4	0.23	-0.18	-44
4. Assam	2.0	+0.2	0.63	-0.12	-16	0.1	-3.2	0.17	-0.32	-89	3.5	-2.8	2.90	-0.93	-24
5. Bengal	0.5	-0.3	0.22	-0.17	-44	0.3	-1.4	0.09	-0.02	-91	0.3	-2.3	0.12	-1.61	-93
6. Orissa	1.3	+0.5	0.65	+0.23	+55	0	-1.7	0.02	-1.09	-98	0.2	-1.7	0.19	-0.85	-82
7. Chota Nagpur	1.4	0	0.42	-0.29	-41	0.5	-1.9	0.15	-1.24	-89	0	-1.9	0	-0.94	-100
8. Bihar	1.6	+0.6	0.48	+0.01	+2	0.5	-1.1	0.19	-0.56	-75	0	-1.2	0	-0.55	-100
9. United Provinces, East	2.8	+1.4	1.16	+0.51	+78	0.7	-0.6	0.20	-0.36	-64	0	-0.8	0	-0.34	-100
10. Do. do., West	3.5	+1.6	1.64	+0.68	+71	0.8	-0.9	0.34	-0.59	-63	0	-1.3	0.01	-0.82	-98
11. Punjab, East and North	2.5	+0.2	0.86	-0.41	-32	1.3	-0.8	0.43	-0.64	-60	0.4	-1.5	0.09	-0.84	-91
12. Do., South-West	0.6	-0.7	0.18	-0.34	-65	0.6	-0.8	0.16	-0.42	-72	0.2	-1.5	0.05	-0.63	-93
13. Kashmir	6.4	+1.0	2.69	-1.45	-35	4.1	-1.2	2.08	-1.80	-46	4.3	-1.8	2.39	-1.88	-44
14. North-West Frontier Province	1.6	-1.1	0.65	-0.81	-55	2.9	0	1.64	+0.26	+19	2.0	-1.8	1.04	-1.36	-68
15. Baluchistan	2.2	-0.8	0.87	-0.53	-38	1.0	-1.0	0.78	-0.58	-43	1.4	-1.8	0.55	-0.80	-59
16. Sind	0.1	-0.6	0.02	-0.23	-92	0.6	-0.2	0.12	-0.20	-63	0	-0.5	0	-0.26	-100
17. Rajputana, West	0.1	-0.4	0.01	-0.18	-95	0.1	-0.5	0.03	-0.26	-90	0	-0.6	0	-0.23	-100
18. Do., East	0.8	-0.1	0.31	-0.05	-14	0	-0.8	0.01	-0.32	-97	0	-0.6	0	-0.27	-100
19. Gujarat	0.1	0	0.05	0	0	0	-0.2	0	-0.41	-100	0	-0.2	0	-0.08	-100
20. Central India, West	2.3	+1.7	0.95	+0.67	+239	0.2	-0.5	0.11	-0.21	-66	0	-0.5	0	-0.20	-100
21. Do. do., East	3.9	+3.0	1.47	+1.04	+242	0.5	-0.8	0.12	-0.46	-79	0	-0.8	0	-0.32	-100
22. Berar	2.6	+2.0	1.76	+1.43	+433	0.5	-0.2	0.15	-0.16	-52	0	-0.8	0	-0.35	-100
23. Central Provinces, West	3.4	+2.5	1.79	+1.33	+289	1.0	-0.3	0.31	-0.23	-52	0.1	-1.1	0.02	-0.54	-96
24. Do. do., East	1.6	+0.9	1.01	+0.67	+197	0	-1.6	0.02	-0.94	-98	0.1	-1.1	0.01	-0.56	-98
25. Konkan	0.1	0	0.07	-0.02	-22	0	-0.1	0.03	-0.01	-25	0	-0.1	0	-0.06	-100
26. Bombay Deccan	1.2	+1.0	0.73	+0.61	+508	0.3	+0.1	0.10	+0.03	+43	0	-0.3	0.01	-0.14	-93
27. Hyderabad, North	3.1	+2.8	1.89	+1.75	+1250	0.1	-0.4	0.03	-0.16	-84	0	-0.7	0	-0.37	-100
28. Do., South	3.2	+2.9	2.99	+2.83	+1769	0	-0.5	0	-0.24	-100	0	-0.8	0	-0.40	-100
29. Mysore	1.5	+1.3	0.95	+0.84	+764	0.8	+0.6	0.35	+0.25	+250	0	-0.6	0.01	-0.30	-97
30. Malabar	1.8	+1.1	1.17	+0.68	+139	1.1	+0.1	0.86	+0.25	+41	1.0	-1.0	0.66	-0.61	-48
31. Madras, South-East	2.9	+1.8	1.78	+1.03	+187	1.3	+0.6	0.68	+0.20	+42	0.2	-0.6	0.09	-0.40	-82
32. Do., Deccan	1.6	+1.2	1.06	+0.80	+563	0	-0.2	0	-0.09	-100	0	-0.3	0	-0.21	-100
33. Do. Coast, North	1.2	+0.8	0.79	+0.47	+147	0	-0.6	0	-0.37	-100	0	-0.8	0.02	0.49	-26

rainfall and number of rainy days, and their departures from normal.

APRIL.					MAY.					JUNE.					JULY.				
RAINY DAYS.		RAINFALL.			RAINY DAYS.		RAINFALL.			RAINY DAYS.		RAINFALL.			RAINY DAYS.		RAINFALL.		
Actual.	Departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.
4.0	+1.1	6.51	+4.76	+272	6.0	-4.1	5.77	-3.32	-37	14.5	-1.0	15.49	+2.40	+18	16.5	+1.1	12.01	-0.10	-1
4.3	+2.1	4.40	+2.78	+172	11.3	-1.6	9.17	-3.43	-27	22.6	+0.6	23.62	-1.84	-7	26.2	+1.5	33.80	+2.98	+10
3.7	+1.3	2.17	+0.92	+74	4.4	-3.6	2.42	-3.42	-59	8.3	-2.4	5.15	-2.83	-35	10.0	+0.3	6.36	-0.15	-2
8.1	-4.1	6.32	-3.11	-33	11.7	-3.0	9.09	-3.56	-28	10.3	+2.0	17.43	-0.29	-2	18.5	-0.2	15.87	-2.35	-13
2.3	-2.3	1.46	-1.85	-56	5.1	-4.0	3.93	-4.14	-51	18.9	+4.6	23.31	+8.66	+59	16.6	-0.2	14.41	-0.97	-6
0.6	-2.0	0.26	-1.28	-83	3.7	-1.0	2.15	-0.95	-31	11.5	+0.7	9.66	+0.59	+7	18.6	+3.3	18.43	+5.58	+43
1.6	0	0.67	-0.09	-12	1.4	-1.9	0.74	-1.52	-67	13.4	+3.6	11.71	+3.58	+44	19.4	+4.1	16.21	+3.66	+29
1.0	-0.2	0.35	-0.28	-44	1.1	-2.2	0.59	-1.74	-75	12.7	+4.2	14.64	+6.66	+83	17.6	+4.2	17.12	+5.07	+42
0.5	0	0.19	-0.01	-5	0.1	-1.2	0.08	-0.57	-88	5.0	-0.4	4.26	-0.45	-10	17.2	+4.8	17.82	+6.38	+56
0.2	-0.5	0.05	-0.24	-83	0.3	-1.1	0.18	-0.46	-72	4.9	+0.2	3.42	-0.55	-14	13.1	+1.7	13.98	+2.57	+23
0.5	-0.7	0.15	-0.38	-72	0.4	-1.0	0.10	-0.51	-84	4.1	+1.2	2.53	+0.47	+23	6.4	-0.3	5.58	-0.57	-9
0.4	-0.8	0.15	-0.36	-71	0.6	-0.2	0.19	-0.17	-47	2.2	+0.7	1.46	+0.63	+76	2.4	-0.7	1.52	-0.99	-39
4.5	-0.9	2.15	-1.23	-36	2.5	-1.3	1.23	-0.83	-40	3.9	-0.3	2.26	-0.13	-5	7.9	-0.1	7.15	-0.08	-1
2.0	-1.4	0.54	-1.13	-68	2.0	+0.4	0.66	-0.11	-14	1.7	-0.1	1.13	+0.19	+20	3.2	-0.8	1.86	-1.01	-35
0.3	-1.5	0.10	-0.64	-86	0.3	-0.1	0.09	-0.07	-44	0.1	-0.6	0.07	-0.33	-83	1.3	-0.5	0.69	-0.33	-32
0.1	-0.1	0.01	-0.08	-89	0	-0.2	0	-0.10	-100	0.1	-0.6	0.02	-0.49	-96	0.9	-1.6	0.68	-1.93	-74
0.1	-0.3	0.02	-0.15	-88	0.5	-0.1	0.23	-0.04	-15	0.2	-1.9	0.92	-0.40	-30	5.0	+0.3	3.77	+0.25	+7
0	-0.5	0.01	-0.17	-94	0.6	-0.4	0.22	-0.19	-46	5.2	+1.4	3.00	+0.22	+8	11.1	+1.6	9.51	+1.29	+16
0	-0.1	0.02	-0.01	-38	0	-0.3	0	-0.17	-100	4.6	-1.0	4.63	-0.64	-12	13.8	+1.0	10.80	-2.46	-19
0	-0.4	0	-0.19	-100	0.6	-0.1	0.24	-0.03	-11	6.7	+1.2	4.55	+0.19	+4	14.1	+2.6	12.45	+2.39	+24
0.1	-0.5	0.07	-0.23	-77	0.1	-0.7	0.03	-0.28	-90	4.7	-0.3	2.94	-1.46	-33	17.9	+4.3	19.87	+7.05	+56
0.6	-0.1	0.16	-0.09	-36	0.7	-0.2	0.21	-0.21	-50	10.0	+2.1	8.57	+2.68	+46	14.3	+2.0	9.88	+0.55	+6
0.3	-0.5	0.10	-0.23	-70	0.3	-0.7	0.10	-0.27	-74	10.0	+1.6	7.13	+0.36	+5	17.6	+2.6	13.76	-0.09	-1
1.1	-0.7	0.39	-0.51	-57	0.6	-0.7	0.21	-0.39	-65	10.5	+1.2	7.47	-0.57	-7	20.0	+3.7	17.71	+2.16	+14
0.9	+0.2	0.42	+0.04	+11	1.5	-0.1	1.16	-0.14	-11	20.2	+2.1	27.84	+2.24	+8	30.2	+3.9	48.26	+7.74	+19
1.7	+0.3	0.88	+0.20	+29	2.1	-0.2	1.22	-0.05	-4	7.2	-0.8	5.26	-0.66	-1	12.1	+0.5	7.28	-0.94	-11
1.0	-0.2	0.25	-0.26	-51	2.5	+1.1	1.66	+1.01	+155	10.1	+2.2	6.75	+1.25	+23	10.3	-1.6	5.29	-2.31	-39
1.4	-0.3	0.40	-0.40	-50	1.9	0	0.99	+0.10	+11	6.0	-0.8	2.57	-1.69	-40	9.7	-1.0	5.11	-1.19	-19
2.6	-0.1	1.37	-0.13	-9	6.8	+1.2	4.25	+0.68	+19	5.9	-1.2	3.47	-1.33	-28	9.6	-0.3	6.21	-1.21	-16
5.7	0	4.29	+0.24	+6	12.3	+5.8	10.58	+3.58	+51	22.4	+1.6	24.80	-0.57	-2	24.1	+2.6	35.95	+10.37	+41
2.1	0	1.28	-0.14	-10	5.0	+1.3	3.26	+0.74	+29	2.0	0	1.86	+0.30	+19	3.2	-0.5	1.49	-0.61	-29
0.9	-0.4	0.41	-0.24	-37	3.3	+0.5	1.96	+0.35	+22	2.6	-1.8	1.97	-1.32	-55	6.2	-0.2	2.29	-0.95	-29
0.5	-1.1	0.80	-0.67	-69	2.4	-0.6	1.41	-0.60	-30	7.3	+0.8	4.31	-0.40	-8	10.6	+0.6	6.97	+0.48	+7

TABLE 11.—Average over the 33 sub-divisions of the monthly and annual

DIVISION.	AUGUST.					SEPTEMBER.					OCTOBER.				
	RAINY DAYS.		RAINFALL.			RAINY DAYS.		RAINFALL.			RAINY DAYS.		RAINFALL.		
	Actual.	Departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.
1. Bay Islands	12.5	-2.0	9.06	-1.65	-15	15.0	+0.7	12.83	+1.25	+11	9.5	-0.4	5.01	-2.32	-32
2. Lower Burma	25.5	+1.6	32.20	+4.30	+15	21.7	+3.2	19.53	+2.10	+12	8.3	-2.2	5.25	-2.69	-34
3. Upper Burma	11.2	+0.3	7.62	+0.02	0	12.2	+1.6	8.80	+1.08	+14	8.5	+1.0	6.43	+0.77	+14
4. Assam	18.7	+0.8	16.81	+0.21	+1	11.7	-1.7	10.85	-1.05	-9	5.5	-1.0	4.59	-0.80	-15
5. Bengal	16.4	-0.2	16.21	+1.88	+13	13.0	+0.8	13.58	+2.70	+25	4.3	-0.8	4.45	-0.24	-5
6. Orissa	13.9	-1.6	11.01	-1.93	-15	15.9	+3.7	12.56	+3.14	+33	3.4	-1.6	2.17	-2.04	-48
7. Chota Nagpur	16.7	+0.5	14.78	+1.42	+11	13.2	+2.8	9.59	+1.43	+18	2.5	-0.5	2.23	+0.17	+8
8. Bihar	17.0	+3.1	14.32	+1.55	+12	11.2	+2.5	10.40	+2.22	+27	1.4	-1.2	0.86	-1.44	-63
9. United Provinces, East	16.7	+4.0	16.52	+5.09	+45	11.4	+4.1	10.76	+3.92	+57	0.2	-1.5	0.10	-1.84	-95
10. Do. do., West	14.8	+3.3	16.46	+5.15	+46	10.0	+4.0	9.10	+3.17	+53	0.2	-0.6	0.09	-0.74	-89
11. Punjab, East and North	5.1	-1.5	4.23	-2.10	-33	6.8	+3.6	6.91	+3.70	+115	0.4	-0.1	0.13	-0.16	-55
12. Do., South-West	2.0	-0.8	1.48	-0.82	-36	2.6	+1.4	1.96	+1.01	+106	0.9	+0.7	0.26	+0.17	+189
13. Kashmir	5.8	-2.7	4.30	-3.75	-47	7.4	+3.5	6.19	+2.41	+64	1.9	+0.1	0.88	-0.18	-18
14. North-West Frontier Province	4.2	+0.1	3.10	-0.04	-1	3.7	+1.8	3.21	+1.99	+163	1.7	+0.9	0.47	+0.08	+21
15. Baluchistan	0.3	-0.9	0.12	-0.64	-84	0.8	+0.4	0.68	+0.38	+190	0.1	-0.3	0.02	-0.20	-91
16. Sind	0.9	-1.1	0.43	-1.29	-75	0.2	-0.4	0.12	-0.36	-75	0	0	0	-0.03	-100
17. Rajputana, West	1.9	-2.8	1.41	-2.22	-61	5.2	+3.0	3.80	+2.01	+112	0.1	-0.5	0.03	-0.41	-93
18. Do., East	7.4	-1.5	6.47	-0.88	-12	7.6	+3.0	5.60	+1.66	+42	0.2	-0.1	0.05	-0.13	-72
19. Gujarat	7.5	-3.0	3.10	-4.76	-61	12.6	+7.0	9.82	+5.16	+111	0.3	-0.6	0.19	-0.47	-71
20. Central India, West	7.9	-3.2	7.31	-2.18	-23	8.9	+3.0	8.30	+3.42	+70	0.1	-0.8	0.02	-0.55	-96
21. Do. do., East	14.3	+0.3	12.60	-0.10	-1	10.0	+2.2	6.95	0	0	0.3	-1.2	0.22	-1.12	-84
22. Berar	6.6	-3.9	3.02	-4.16	-58	9.4	+1.7	8.08	+2.27	+39	0.7	-1.4	0.27	-1.22	-82
23. Central Provinces, West	10.3	-3.7	7.86	-4.32	-35	13.2	+3.8	11.60	+4.18	+55	0.3	-1.7	0.12	-1.29	-91
24. Do. do., East	11.6	-3.9	8.88	-5.99	-40	14.5	+4.6	11.73	+3.77	+47	0.6	-1.8	0.26	-1.54	-86
25. Konkan	26.3	+2.0	14.45	-9.24	-39	17.9	+2.8	10.89	-1.48	-12	2.0	-2.3	1.70	-2.22	-57
26. Bombay Deccan	6.6	-2.9	2.73	-2.79	-51	5.8	-2.2	3.10	-2.37	-43	3.3	-1.2	1.96	-1.00	-34
27. Hyderabad, North	5.6	-5.6	3.59	-4.03	-53	12.2	+2.3	7.95	-0.26	-3	2.7	-0.6	1.63	-0.75	-32
28. Do., South	6.4	-4.1	3.71	-2.84	-43	9.9	+0.4	5.44	-1.80	-19	2.4	-1.8	2.59	-0.32	-11
29. Mysore	8.5	-0.2	4.16	-1.08	-21	5.2	-2.6	1.91	-3.07	-62	9.4	+1.5	6.48	+1.94	+19
30. Malabar	17.5	+1.0	12.03	-1.47	-11	14.1	+2.7	8.68	+1.08	+14	12.5	-0.9	9.66	-2.08	-18
31. Madras, South-East	5.7	+0.2	3.39	-0.24	-7	5.2	-0.8	3.10	-1.37	-31	11.6	+2.5	9.75	+2.34	+32
32. Do., Deccan	6.1	-0.7	2.58	-1.42	-36	2.5	-5.3	1.00	-4.53	-82	5.6	-0.2	3.46	-0.67	-16
33. Do. Coast, North	8.3	-1.9	5.56	-1.50	-21	8.4	-0.9	5.77	-1.22	-17	6.1	-0.7	4.98	-1.66	-25

rainfall and number* of rainy days, and their departures from normal—concl.

NOVEMBER.					DECEMBER.					YEAR.				
RAINY DAYS.		RAINFALL.			RAINY DAYS.		RAINFALL.			RAINY DAYS.		RAINFALL.		
Actual.	Departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.
10.0	+3.1	11.35	+5.73	+102	5.0	+1.1	3.79	-0.31	-8	98.0	+1.0	87.63	+9.70	+12
5.2	+1.7	4.04	+1.39	+52	1.8	+1.2	1.59	+1.11	+231	128.9	+8.7	134.98	+6.97	+5
4.0	+1.1	2.82	+1.02	+57	2.1	+1.2	1.38	+0.90	+187	65.1	-0.1	43.44	-2.05	-5
0.9	-0.6	0.36	-0.53	-60	1.1	+0.2	0.40	+0.01	+3	101.1	-13.4	85.42	-13.84	-14
0.5	-0.4	0.25	-0.51	-67	0.1	-0.2	0.04	-0.16	-80	78.3	-6.7	78.07	+2.67	+4
1.6	+0.4	0.73	-0.43	-37	0	-0.5	0.01	-0.29	-97	70.7	-1.5	57.84	+0.68	+1
1.1	+0.3	0.46	-0.04	-8	0.2	-0.2	0.06	-0.14	-70	71.4	+4.9	57.02	+6.00	+12
0.1	-0.4	0.03	-0.37	-93	0.7	+0.4	0.24	+0.11	+85	64.9	+8.7	59.22	+10.68	+22
0	-0.4	0.01	-0.19	-95	1.1	+0.6	0.54	+0.30	+125	55.7	+10.0	51.64	+12.44	+32
0	-0.3	0.01	-0.15	-94	2.3	+1.5	1.07	+0.69	+182	50.1	+7.6	46.35	+8.91	+24
0	-0.3	0	-0.14	-100	2.8	+1.9	1.28	+0.83	+184	30.7	+0.7	22.29	-0.75	-3
0	-0.2	0	-0.10	-100	1.2	+0.7	0.48	+0.28	+140	13.7	-2.2	7.89	-1.74	-18
0.1	-1.0	0.05	-0.55	-92	4.0	+1.1	1.97	+0.06	+3	52.8	-3.6	33.29	-9.41	-22
0.1	-0.5	0.06	-0.29	-83	2.0	+1.0	0.82	+0.27	+49	27.1	-1.5	14.78	-1.96	-12
0	-0.9	0	-0.36	-100	1.5	-0.2	0.56	-0.13	-19	10.2	-8.2	4.43	-4.22	-49
0	-0.1	0	-0.06	-100	0	-0.2	0.01	-0.08	-89	2.9	-5.6	1.41	-5.11	-78
0	-0.2	0	-0.08	-100	0.4	+0.1	0.17	+0.03	+21	13.6	-3.9	10.39	-1.68	-14
0.1	-0.2	0.06	-0.10	-63	1.3	+0.7	0.60	+0.35	+140	34.3	+2.5	25.84	+1.41	+6
0.2	-0.1	0.11	-0.09	-45	0.1	0	0.03	-0.02	-40	39.2	+2.5	28.75	-3.65	-11
1.7	+1.1	1.03	+0.63	+157	0.8	+0.3	0.36	+0.16	+80	43.3	+4.4	35.32	+4.10	+13
0.5	-0.1	0.24	-0.11	-31	0.6	0	0.18	-0.12	-40	52.9	+5.4	44.69	+3.89	+19
4.3	+3.4	2.74	+2.19	+398	0	-0.8	0.01	-0.43	-96	49.7	+3.8	34.86	+2.50	+8
3.1	+2.3	1.87	+1.29	+222	0.3	-0.5	0.08	-0.31	-79	59.9	+4.3	44.94	-0.24	-1
2.7	+2.0	2.04	+1.62	+386	0.1	-0.6	0.03	-0.35	-92	63.4	+2.0	49.76	-2.63	-6
3.9	+2.6	2.71	+1.85	+215	0.2	-0.1	0.04	-0.11	-73	104.2	+10.9	107.57	-1.41	-1
5.5	+4.1	5.14	+4.28	+498	0.1	-0.4	0.05	-0.26	-84	45.9	-2.0	28.46	-2.49	-8
5.4	+4.2	3.36	+2.61	+848	0.1	-0.6	0.03	-0.35	-92	53.1	+2.9	32.53	-1.87	-5
3.4	+1.7	1.25	+0.36	+39	0	-0.4	0	-0.21	-100	44.3	-4.7	25.05	-5.31	17
8.3	+4.9	5.34	+3.23	+153	0.2	-0.7	0.06	-0.43	-88	58.8	+3.8	34.56	-1.51	-4
12.3	+4.5	12.25	+6.09	+99	1.4	-1.1	1.11	-0.73	-40	127.2	+15.8	122.04	+16.83	+16
12.4	+4.6	11.97	+5.21	+77	2.2	-2.0	2.63	-0.87	-25	54.7	+7.1	41.23	+6.19	+18
8.3	+5.3	6.34	+4.35	+219	0.2	-0.6	0.08	-0.37	-82	37.3	-2.7	20.24	-4.20	-17
7.2	+3.8	8.01	+4.60	+135	0.1	-0.8	0.07	-0.87	-93	52.1	-1.5	35.14	-2.23	-6

TABLE 12.—Average over the 15 chief political divisions of the actual and normal rainfall for the four seasons of the year and for the whole year.

DIVISION.	JANUARY AND FEBRUARY.			MARCH TO MAY.			JUNE TO SEPTEMBER.			OCTOBER TO DECEMBER.			WHOLE YEAR.		
	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.
Burma	0.20	—0.12	—37	8.82	—1.75	—17	62.12	+2.08	+3	10.74	+1.49	+16	81.88	+1.70	+2
Assam.	0.80	—1.44	—64	18.31	—7.60	—29	60.96	—3.48	—5	5.35	—1.32	—20	85.42	—13.84	—14
Bengal	0.31	—1.09	—78	5.51	—7.60	—58	67.51	+12.27	+22	4.74	—0.91	—16	78.07	+2.87	+4
Bihar and Orissa	0.65	—0.85	—57	1.43	—2.70	—65	54.09	+12.02	+29	1.95	—1.54	—44	58.12	+6.93	+14
United Provinces	1.69	+0.11	+7	0.27	—1.13	—81	45.93	+12.48	+37	0.94	—0.90	—49	46.83	+10.56	+23
Punjab	1.05	—0.99	—49	0.35	—1.59	—82	16.10	+1.10	+7	1.25	+0.48	+62	18.75	—1.00	—5
North-West Frontier Province	2.29	—0.55	—19	1.84	—2.60	—39	9.30	+1.13	+14	1.35	+0.06	+5	14.78	—1.96	—12
Sind	0.14	—0.43	—75	0.01	—0.44	—96	1.25	—4.07	—77	0.01	—0.17	—94	1.41	—5.11	—76
Rajputana	0.23	—0.40	—63	0.23	—0.58	—72	19.94	+1.62	+9	0.57	—0.15	—21	20.97	+0.49	+2
Bombay	0.44	+0.27	+159	1.34	—0.10	—7	36.49	—4.07	—10	4.47	+1.22	+38	42.74	—2.68	—6
Central India	1.23	+0.30	+62	0.19	—0.58	—75	35.14	+4.15	+13	1.23	—0.13	—10	37.79	+3.94	+12
Central Provinces	1.59	+0.53	+50	0.42	—1.12	—72	39.93	+0.08	0	2.42	—0.08	—3	44.37	—0.59	—1
Hyderabad	2.44	+2.08	+578	1.65	—0.20	—11	29.26	—6.23	—24	4.39	+0.63	+17	28.74	—3.72	—11
Mysore	1.20	+1.09	+519	5.68	+0.25	+5	15.75	—6.69	—30	11.88	+3.84	+48	34.56	—1.51	—4
Madras	1.81	+0.84	+87	5.96	+0.63	+6	27.93	—0.34	—1	19.79	+4.48	+29	55.49	+5.31	+11
Mean of India	0.97	—0.02	—2	3.47	—1.60	—32	38.03	+2.04	+6	5.48	+0.61	+13	47.95	+1.03	+2

TABLE 13.—Average over the 33 sub-divisions of the actual and normal rainfall for the four seasons of the year , and for the whole year.

SUB-DIVISION.	JANUARY AND FEBRUARY			MARCH TO MAY.			JUNE TO SEPTEMBER.			OCTOBER TO DECEMBER.			WHOLE YEAR.		
	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.
1. Bay Islands	5.50	+3.82	+227	12.59	+0.88	+8	49.39	+1.90	+4	20.15	+3.10	+18	87.63	+0.70	+12
2. Lower Burma	0.42	+0.01	+2	14.44	-0.39	-3	109.24	+7.54	+7	10.88	-0.19	-2	134.98	+6.97	+5
3. Upper Burma	0.06	-0.18	-75	4.82	-2.68	-36	27.93	-1.88	-6	10.63	+2.69	+34	43.44	-2.05	-5
4. Assam	0.80	-1.44	-64	18.31	-7.60	-29	60.96	-3.48	+5	5.35	-1.32	-20	85.42	-13.84	-14
5. Bengal	0.31	-1.09	-78	5.51	-7.60	-58	67.51	+12.27	+22	4.74	-0.91	-16	78.07	+2.67	+4
6. Orissa	0.37	-0.86	-56	2.60	-3.08	-54	51.66	+7.38	+17	2.91	-2.76	-49	57.84	+0.68	+1
7. Chota Nagpur	0.57	-1.53	-73	1.41	-2.55	-64	52.29	+10.09	+24	2.75	-0.01	0	57.02	+6.00	+12
8. Bihar	0.67	-0.55	-45	0.94	-2.57	-73	56.48	+15.50	+38	1.13	-1.70	-60	59.22	+10.68	+22
9. United Provinces, East	1.36	+0.15	+12	0.27	-0.92	-77	49.36	+14.94	+48	0.65	-1.73	-73	51.64	+12.44	+32
10. United Provinces, West	1.98	+0.09	+5	0.24	-1.32	-85	42.96	+10.34	+32	1.17	-0.20	-15	46.35	+8.91	+24
11. Punjab, East and North	1.29	-1.05	-45	0.34	-1.73	-84	19.25	+1.50	+8	1.41	+0.53	+60	22.29	-0.75	-3
12. Punjab, Southwest	0.34	-0.76	-69	0.39	-1.16	-75	6.42	-0.17	-8	0.74	+0.35	+90	7.89	-1.74	-18
13. Kashmir	4.77	-3.25	-41	5.77	-3.94	-41	19.90	-1.55	-7	2.83	-0.67	-19	33.29	-0.41	-22
14. North-West Frontier Province	2.29	-0.55	-19	1.84	-2.60	-59	9.30	+1.13	+14	1.35	+0.06	+5	14.78	-1.96	-12
15. Baluchistan	1.65	-1.11	-40	0.74	-1.51	-67	1.46	-0.92	-39	0.58	-0.69	-54	4.43	-4.23	-49
16. Sind	6.14	-0.43	-75	0.01	-0.44	-98	1.25	-4.07	-77	0.01	-0.17	-94	1.41	-5.11	-78
17. Rajputana, West	0.61	-0.44	-92	0.25	-0.42	-83	9.90	-0.36	-4	0.20	-0.46	-70	10.39	-1.68	-14
18. Do., East	0.32	-0.37	-54	0.23	-0.63	-73	24.58	+2.29	+10	0.71	+0.12	+20	25.84	+1.41	+6
19. Gujarat	0.05	-0.11	-60	0.02	-0.26	-93	23.35	-2.70	-9	0.33	-0.58	-64	28.75	-3.65	-11
20. Central India, West	1.06	+0.46	+77	0.24	-0.42	-64	32.61	+3.82	+13	1.41	+0.24	+21	35.32	+4.10	+13
21. Do. do., East	1.59	+0.58	+57	0.10	-0.83	-89	42.86	+5.49	+15	0.64	-1.35	-68	44.69	+3.89	+10
22. Berar	1.91	+1.27	+108	0.37	-0.65	-64	29.56	+1.34	+5	3.02	+0.54	+22	34.86	+2.50	+8
23. Central Provinces, West.	2.10	+1.00	+91	0.22	-1.06	-83	40.55	+0.13	0	2.07	-0.31	-13	44.94	-0.24	-1
24. Central Provinces, East	1.03	-0.27	-21	0.61	-1.46	-71	45.79	-0.63	-1	2.33	-0.27	-10	49.76	-2.63	-5
25. Konkan	0.10	-0.92	-23	1.58	-0.16	-9	101.44	-0.74	-1	4.45	-0.48	-10	107.57	-1.41	-1
26. Bombay Deccan	0.83	+0.64	+337	2.11	+0.01	0	18.37	-6.16	-25	7.15	+3.02	+73	28.46	-2.49	-8
27. Hyderabad, North	1.92	+1.59	+482	1.91	+0.38	+25	23.68	-5.85	-12	5.02	+1.51	+43	32.53	-1.67	-5
28. Do., South	2.99	+2.59	+647	1.39	-0.70	-33	16.83	-7.02	-29	3.84	-0.18	-4	25.03	-5.31	-17
29. Mysore	1.80	+1.09	+519	5.63	+0.25	+5	15.75	-6.69	-30	11.88	+2.84	+48	34.56	-1.51	-4
30. Malabar	2.03	+0.98	+85	16.53	+3.21	+20	81.46	+9.41	+13	23.02	+3.28	+17	122.04	+16.83	+16
31. Madras, Southeast	2.46	+1.26	+100	4.28	+0.20	+5	9.84	-1.92	-16	24.35	+6.68	+38	41.23	+6.19	+18
32. Do., Deccan	1.06	+0.94	+324	2.36	-0.10	-4	6.94	-8.22	-54	9.88	+2.31	+50	20.24	-4.20	-17
33. Do. Coast, North	0.79	+0.10	+14	1.73	-1.76	-50	22.61	-2.64	-10	13.91	+2.07	+19	33.14	-2.23	-6

TABLE 14.—Average over the 33 sub-divisions of the actual and normal number of rainy days for the four seasons of the year and for the whole year.

SUB-DIVISION.	JANUARY AND FEBRUARY.		MARCH TO MAY.		JUNE TO SEPTEMBER.		OCTOBER TO DECEMBER.		WHOLE YEAR.	
	Actual.	Departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.
1. Bay Islands	4.0	+1.6	11.0	—3.2	58.5	—1.2	24.5	+3.8	98.0	+1.0
2. Lower Burma	0.9	+0.2	16.7	+0.9	96.0	+6.9	15.8	+0.7	128.9	+8.7
3. Upper Burma	0.2	—0.5	8.6	—2.7	41.7	—0.2	14.6	+3.3	65.1	—0.1
4. Assam	2.1	—3.0	23.3	—9.9	68.2	+0.9	7.5	—1.4	101.1	—13.4
5. Bengal	0.8	—1.7	7.7	—8.6	64.9	+5.0	4.9	—1.4	78.3	—6.7
6. Orissa	1.3	—1.2	4.5	—4.7	59.9	+6.1	5.0	—1.7	70.7	—1.5
7. Chota Nagpur	1.9	—1.9	3.0	—3.8	62.7	+11.0	3.8	—0.4	71.4	+4.9
8. Bihar	12.1	—0.5	2.1	—3.6	58.5	+14.0	2.2	—1.2	64.9	+8.7
9. United Provinces, East	3.5	+0.8	0.6	—2.0	50.3	+12.5	1.3	—1.3	55.7	+10.0
10. Do. do., West	4.3	+0.7	0.5	—2.9	42.8	+9.2	2.5	+0.6	50.1	+7.6
11. Punjab, East and North	3.8	—0.6	1.3	—3.2	22.4	+3.0	3.2	+1.5	30.7	+0.7
12. Do., Southwest	1.2	—1.5	1.2	—2.5	9.2	+0.6	2.1	+1.2	13.7	—2.2
13. Kashmir	19.5	—0.2	11.3	—4.0	25.0	+0.4	6.0	+0.2	52.8	—3.6
14. North-West Frontier Province	4.5	—1.1	6.0	—2.3	12.8	+1.0	3.8	+1.4	27.1	—1.5
15. Baluchistan	4.1	—1.8	2.0	—3.4	2.5	—1.6	1.6	—1.4	10.2	—8.2
16. Sind	0.7	—0.8	0.1	—0.8	2.1	—3.7	0	—0.3	2.9	—5.6
17. Rajputana, West	0.2	—0.9	0.6	—1.0	12.3	—1.4	0.5	—0.6	13.6	—3.9
18. Do., East	0.8	—0.9	0.6	—1.5	31.3	+4.5	1.6	+0.4	34.3	+2.5
19. Gujarat	0.1	—0.2	0	—0.6	38.5	+4.0	0.6	—0.7	39.2	+2.5
20. Central India, West	2.5	+1.2	0.6	—1.0	37.6	+3.6	2.6	+0.6	43.3	+4.4
21. Do. do., East	4.4	+2.2	0.2	—2.0	46.9	+6.5	1.4	—1.3	52.9	+5.4
22. Berar	3.1	+1.8	1.3	—1.1	40.3	+1.9	5.0	+1.2	49.7	+3.8
23. Central Provinces, West	4.4	+2.2	0.7	—2.3	51.1	+4.3	3.7	+0.1	59.9	+4.3
24. Do. do., East	1.6	—0.7	1.8	—2.5	56.6	+5.6	3.4	—0.4	63.4	+2.0
25. Konkan	0.1	—0.1	2.4	0	94.6	+10.8	7.1	+0.2	104.2	+10.9
26. Bombay Deccan	1.5	+1.1	3.8	—0.2	31.7	—5.4	8.9	+2.5	45.9	—2.0
27. Hyderabad, North	3.2	+2.4	3.5	+0.2	38.2	—2.7	8.2	+3.0	53.1	+2.9
28. Do., South	3.2	+2.4	3.3	—1.1	32.0	—5.5	5.8	—0.5	44.3	—4.7
29. Mysore	2.8	+1.9	9.4	+0.5	29.2	—4.8	17.9	+5.7	58.8	+3.8
30. Malabar	2.9	+1.2	20.0	+4.8	78.1	+7.2	26.2	+2.5	127.2	+15.8
31. Madras, Southeast	4.2	+2.4	7.3	+0.7	17.0	—1.1	26.2	+5.1	54.7	+7.1
32. Do., Deccan	1.6	+1.0	4.2	—0.2	17.4	—8.0	14.1	+4.5	37.8	—2.7
33. Do. Coast, North	1.2	+0.2	2.9	—2.5	34.6	—1.4	13.4	+2.2	52.1	—1.5

Snowfall.

The cold weather period, January and February.

I.—PERSIA.

Meshed.—Snow fell on four days in January and eight days in February to a total depth of $18\frac{1}{2}$ ".

II.—NORTH-WEST FRONTIER PROVINCE.

Tochi.—On the hills in north Waziristan moderate snow fell on the 27th-28th January and light snow on the 23rd-24th February.

Kohat.—On the Samana range snow fell on four days in January to a total depth of $10\frac{1}{2}$ ", and to a depth of 7" on the 8th February.

Hazara.—The following table shows the character of the snowfall in the two months with the accumulations at the close of each month :—

TABLE 15.

Locality.	No. of days of snowfall.	Total amount.	Accumulation at end of month.
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JANUARY.

		Feet.	Inches.	Feet.	Inches.
Narang	12	17	0	11	6
Paludaran	12	13	10	9	2
Kagan	12	6	3	4	2
Jared	3	1	3	..	
Malkandi	3	0	8	..	
Sundigali	9	6	8	4	10
Jaehha	9	2	0	1	10
Thandiani	7	5	0	2	10
Dungagali	13	14	4	4	6

FEBRUARY.

		Feet.	Inches.	Feet.	Inches.
Narang	4	7	10	10	0
Paludaran	4	6	3	7	3
Kagan	6	3	10	2	6
Jared	4	2	0	..	
Malkandi	4	1	10	..	
Sundigali	6	3	4	2	9
Jaehha	4	1	8	1	4
Thandiani	5	3	2	6	0
Dungagali	4	4	3	6	6

III.—KASHMIR.

Gilgit.—There were occasional heavy snowstorms in February.

Srinagar.—There were frequent light falls in January and two falls in the first week of February followed by frequent rains.

Skardu.—The snowfall of January and February measured, when melted into water, 0.54" and 1.03" respectively; the falls in February occurred mostly in the first two weeks. The accumulation at the station was 2 feet at the end of each of the months. On the surrounding mountains the falls were heavy and at the end of February the depth was estimated to be 6 feet. Both the Zojilla pass and the Deosai route to Srinagar were closed throughout the period; more than 12 feet of snow were reported to be lying on the Deosai plains.

Dras.—Snow fell on twenty-four days in January and seventeen days in February; the total in the two months when melted into water measured 3.27" and 4.99" respectively.

Kargil.—Several snowstorms occurred in both the months, the total measured as rain being 1.25" and 1.50" respectively.

IV.—PUNJAB.

Kulu (Kangra District).—A report from 25th January to 25th February shows that it rained frequently at Kulu. The accumulations of snow on the various mountains were as follows :—

TABLE 16.

	Kulu Tahsil.	Feet.
Rohtang		23
Hamta		27
Barsai		9
Chanderkhani		16
Boja Dhar		16
Lohri Achhri		18
Sari		13
Bhubu		9
Bastori		8
Majhang		4
	Saraj Tahsil.	Feet.
Sirikhand		20
Chul		9
Maghin		6
Dundku		4
Tikar		4
Ramgarh		4
Nuhnon		2
Raghopur		6
Jalori		10
Lambri		7
Sakiran		7
Gargorasan		8
Supakun		6
Bashleo		8
Palcha		8
Tirth		11

Kyelang.—Both the months were extremely cold and unsettled, the heaviest snowfalls occurring on the 14th, 15th and 19th February. All the passes remained closed.

Simla (Kilba hills).—Snow fell on seven days in January and five days in February: all the falls in January and that of the 3rd February came down to the bed of the Sutlaj; the last was heavy and measured 15" at 7,000 feet. The depth of accumulation was estimated to be

TABLE 17.

Locality.	End of January.	End of February.
	Feet.	Feet.
Brua	6 to 7	10
Shatul	6 to 7	9½
Rupin	7 to 8	11½

V.—UNITED PROVINCES.

Garhwal.—Snow fell to an average depth of 4 feet in various patties in the north of the district mostly in the second fortnight of January; on the 3rd February 1 to 1½ feet of snow fell on the highest peaks in the north.

Almora.—In January the snow descended 18 miles below the snow line in the north, while in February it descended to a distance of 9 miles in Byans, 3 miles in Chaudas and 4 miles in Malla Danpur. The total falls in the period from 21st December to 31st January, and in the month of February were :—

TABLE 18.

Locality.	21st Decem- ber to 31st January.	February.
	Feet.	Feet.
Malla Danpur	5	7½
„ Darma	8	?
Byans	11½	10½
Chaudas	10	3½

The accumulations at the end of the two months were :—

TABLE 19.

Locality.	January.	February.
	Feet. not known	Feet. not known
Malla Danpur	8	not known
„ Darma	9	10½
Byans Lipulekh pass	11	12
„ Lampadhura	?	8
Chaudas Binkura pass	10	8
Talla Darma		

VI.—EASTERN HIMALAYAS.

Gangtok.—No snow fell.

Yatung.—22·67" of snow measured as rain was reported in January and 6·12" in February.

Sadiya Frontier Tract.—Very heavy snow fell at the end of January down to 7,000 feet.

Balipara Frontier Tract.—There were some heavy snow storms at the end of January. On the Mila Katong La the snow was very deep and the pass was closed during the cold weather.

Kamrup.—There was no fall of any consequence. On the neighbouring hills snowfall was considerably less than in the preceding year and reached less low down.

The hot weather period, March to May.

I.—CENTRAL ASIA.

Kashgar.—Snow to a depth of 2½" fell on the 6th and 7th March. During the preceding winter heavy snowfall was reported on the Hindukush range and on the Mintka and Kilik passes. The passes between Sarikul and Kashgar were covered with snow; heavy snow also fell on Terak-dewar between Kashgar and Osh, but the passes remained open.

II.—PERSIA.

Meshed.—Snow fell on 3 days in March to a total depth of 10½".

III.—AFGHANISTAN.

Kabul.—On March 6th snow lay to a depth of 2 feet on the summit of the Blutak pass (Haft Kohat) about 8,200 feet above sea level; and in the Kabul valley (5,800 feet) to a depth of 10 inches that day due to a recent fall, but this melted away by the 10th. No further snowfall occurred in the valley, but on the neighbouring hills fresh snow fell in the beginning of April, and on 6th, 7th and 8th May. In the middle of May the snow line was at 9,000 feet. The snow and rain in the past winter is said to have been in excess of the normal. In Hazarajat snow is reported to have occurred much later than usual.

IV.—NORTH-WEST FRONTIER PROVINCE.

(a) *Parachinar*.—Snow fell on the Safedkoh on the 7th, 8th and 10th May. No reports were received for the other two months.

(b) *Kohat*.—No snowfall was reported in any of the months.

(c) *Chitral*.—No reports were received for March and April. In May unusually heavy rain and snow fell between the 4th and 8th inclusive, snowfall occurring as low as 8,000 or 9,000 feet; at the end of the month snow was lying on the northern slopes as low as 10,000 feet.

(d) *Drosh*.—No reports were received for March and April. In May snowfall occurred thrice on the high ranges, 3 feet falling on the 7th-8th; hills 10,000 feet in height were still covered with snow at the end of May.

(e) *Malakand*.—No reports were received for March and April; on the 5th May about 18 inches of snow fell on the Lowarai hills.

(f) *Hazara*.—The following table shows the character of the snowfall during and the accumulations at the end of March. The snow line descended to an elevation of 5,000 feet :—

TABLE 20.

Locality.	No. of days of snowfall.	Total amount.		Accumulations.	
		Feet.	Inches.	Feet.	Inches.
Narang	7	6	8	3	6
Paluderan	7	5	4	2	6
Kagan	7	3	3	1	0
Jared	6	0	7	Nil.	
Malkandi	Nil.	Nil.		Nil.	
Sundigali	2	0	5	9	2
Jaehha	2	0	3	0	1
Thandiani	7	2	6	3	0
Dungagali	4	2	9	0	3

No reports were received from this region in April. In May snow varying in depth from 1 to 6 inches fell in the Kagan valley at altitudes of 11,000 to 17,000 feet.

(g) *Tochi*.
Dera Ismail Khan,
Khyber Agency. }—No reports were received for March and April, and no snow fell in May.

V.—KASHMIR.

(a) *Srinagar*.—Three falls occurred in the main valley in March; in April and the first week of May snowfalls occurred on the higher ranges but none in the valley.

(b) *Skardu*.—No snow fell at the station; but fresh snow was visible on the high mountains in March and early in May. The accumulation of snow on the mountains was 2 feet at the end of April, but had decreased to 1 foot at the end of May. The route to Srinagar through the Deosai plains was closed in all the months; the Zojilla pass was closed in March, but was opened for foot passengers in April and became more easily passable on foot in May.

(c) *Dras*.—Snow fell on fifteen days in March, heavy falls occurring on the 2nd, 13th, 14th, 19th and 27th; while in April snowfall occurred on fourteen days mostly in the first fortnight; in May there were only two light falls on the 7th and 8th. The total precipitation was 9.94" in March and 4.64" in April. At the end of May there were still some accumulations of snow on the surrounding mountains.

(d) *Sonamarg*.—No reports were received for March and April; but in May several falls of rain and snow occurred on the high peaks.

(e) *Kargil*.—No report was received for March. The total precipitation of April was 5.90"; in May no snow fell, but at the end of the month there were slight accumulations on the higher peaks.

(f) *Leh*.—The weather in Ladakh during April and May was cloudy and squally with occasional hail and thunderstorms. The snowline was receding fairly fast, but the passes to the north were closed even at the beginning of June.

VI.—PUNJAB.

(a) *Rawalpindi*.—No reports were received in March and April and no snow fell in May.

(b) *Chamba*.—Reports give the following information for the month of May :—

Dalhousie Range.—The accumulations of snow on the high passes were roughly normal.

Chamba range.—The accumulations of snow on the high passes were rather in excess of the normal.

Bharmour range.—Snow fell on the 1st and 5th at elevations above 9,000 feet. There was a large accumulation of snow on the high passes leading to Kangra which remained closed for traffic up to the middle of the month.

Tisa range.—No snow fell. The accumulation of snow was much deeper on the Pangri side of the Sach pass than on the Tisa side.

Bhattiat range.—No snowfall occurred in the month; but there was heavy snow in the first half of winter, which however melted away earlier than usual, and at the end of May the snow line was above 9,000 feet.

Pangri range.—There were slight snow storms, and the total depth of snow was 1' 7". The snowline had retreated to 8,400 feet.

(c) *Kyelang*.—The winter months January to May were very cold and unsettled. The usual "red-snow" fell on the 2nd and 3rd March. At the beginning of May there was about 6 feet of snow at Khaksar (near Rotang). The Tahal passes were kept closed from 14th December 1921 to 20th March 1922, and the Kyelang post office was kept closed from 12th December to 28th May.

(d) *Kulu*.—It rained frequently but there was no snowfall at Kulu, Banjar or Naggar. The accumulations of

snow on the various mountains on the 25th of March, April and May were as follows :—

TABLE 21.

Name of pass or peak.	ACCUMULATIONS ON 25TH OF		
	March.	April.	May.
KULU TEHSIL.			
Rotang	17	9	6
Hamta	20	11	8
Barsai	5	5	2
Chandarkhani	10	8	4
Pujadhar	10½	8	4
Lohri Achhri	12	8	4
Sari	12	9	5
Bhaboo	6	3	½
Bastari . . . . .	..	2	..
Mojhang	2	½	..
SARAJ TEHSIL.			
Sirikhand	22	16	2
Chul	4	2	..
Maghin	5	2	..
Dundku	3	1	..
Tikar	3	1	..
Ramgarh	3	..	..
Mohnon	2	..	..
Raghopur	4	3	..
Jalori	4	3	..
Lambri	3	1	..
Sakiran	5	3	..
Gargarasan	6	4	..
Bashleo	7	3	..
Palcha	7	3	..
Tirath	9	6	1
Supakun . . . . .	..	3	..

(e) *Simla*.—In March two snowstorms occurred on the slopes above 7,000 feet; in April snowfall did not occur below 9,000 feet; in May one storm came down to 10,000 feet, while three occurred at elevations above 11,000 feet. The snow disappeared quickly from the lower elevations on all occasions. All the passes were closed in March, but in April the snow on the higher peaks had melted away considerably and the Buran and Shathul passes were opened to traffic.

The accumulations on the well known passes were :—

	31st March 1922.	30th April 1922.	24th May 1922.	31st May 1922.
Shatul	10½	4	4½	3
Brua	10½	4	4	2½
Rupan	12	6	4	2½

VII.—UNITED PROVINCES.

(a) *Garhwal*.—No report was received for March. In April half a foot of snow fell on the peaks of Badrinath hill in the north. In May very little snow fell even on the highest peaks and the accumulations at the end of the month were phenomenally small.

(b) *Almora*.—In March snow fell on heights between 10,000 and 20,000 feet and all the passes were blocked. In April snowfalls occurred between 17,000 and 20,000 feet and descended to places about 3 or 4 miles below the snow line in Malla Danpur and 2 miles in Byans; the passes in Malla Danpur were blocked even at the end of the month. In May snow fell on the mountain peaks and descended to places about 3 miles below the snow-line, but all the passes were open at the close of the month.

The total falls in the three months were :—

TABLE 22.

Locality.	March.	April.	May.
Byans	3	3	1½
Malla Danpur	3	4	1
„ Darma	½	¾	..
„ Johar	2	..	..

The accumulations at the end of the three months were :—

TABLE 23.

Locality.	March.	April.	May.
Byans—			
Lampadhura	?	6	?
Lipulekh	6	4	?
Malla—			
Danpur	3	4	4½
Darma	?	16½ on Nuibai.	..
Johar	5½	..	..

VIII.—EASTERN HIMALAYAS.

Gangtok and Yatung.—No snow fell.

Sadiya Frontier tract.—In the last week of March Sita was seen to be carrying snow down to 8,000 feet. In the last week of April Dapha and Sejuba were covered with snow down to 10,000 feet.

The south west monsoon period, June to September.

JUNE AND JULY.

I.—AFGHANISTAN.

Kabul.—The snow-line in the neighbourhood of Kabul, and in the Hazarajat and on the Hindukush had risen considerably in June and July, and was roughly normal at the beginning of August.

II.—NORTH-WEST FRONTIER PROVINCE.

Wana.—No snow existed at the end of July on the hills of Waziristan.

Kurram.—No snow fell in June or July. But the winter snowfall had been abundant, and the thickness and extent of snow covering was above normal, especially in the ravines. Even at the end of July there was more snow than usual.

Chitral.—A little snow fell at very high altitudes on the 27th-28th July with very light falls on one or two other occasions. The snow covering at the end of July was very thick and large accumulations were lying on northern slopes at 13,000 feet with smaller accumulations in sheltered spots at much lower altitudes.

Drosh.—The accumulation of snow at the end of July was above normal thickness and extended to lower levels than usual. The river was at the highest level of flood in July.

Khyber.—No snow fell and the accumulations were normal.

Malakand.—No snow fell; but there was rain and hail on peaks in Upper Swats. On the Lowarai range there were three accumulations of the following extent and depth:—

Length	1 mile	1½ miles	300 feet.
Depth	21 feet	30 feet	12 feet.

Hazara.—Snow to a depth of 1" to 2" in June and 3" in July fell in the Kagan valley at altitudes 15,000 to 17,000 feet; there was not much accumulation at the end of July.

III.—KASHMIR.

On the 23rd and 28th June fresh light snowfall was observed on the highest peaks of mountains surrounding Srinagar, Gulmarg and Sonamarg, and on the latter date on high peaks near Skardu; light snow fell thrice in July on high peaks near Sonamarg and there were slight accumulations on higher peaks at the end of July. On the mountains near Leh snowfall was heavier than usual in July and the accumulations at the end of July were much deeper than usual, but the snowline was at the normal level. There was no snowfall in or around Dras and Kargil. In the neighbourhood of Gilgit the heavy snows of last winter melted very rapidly towards the end of June causing heavy spates in all the Nullahs. On the whole the accumulations

at the end of July in Kashmir and its neighbourhood were much smaller than usual.

IV.—PUNJAB.

Chamba.—In the latter part of June snow fell daily at elevations of 14,000 feet and upwards in Bharmour and in the inner ranges of Pangi. The Conservator of Forests, Chamba State, crossing the Sach pass (14,300 feet) into Pangi on 13th July saw the lowest fresh snow at 16,000 feet; no snowfall occurred after that date on the Chamba side below that level, but a considerable fall of snow was reported on the passes of the Dhaula Dhar range (about 14,000 feet) between Chamba and Kangra.

He further states that reports from all sides showed that the snowfall of the previous winter had been heavier than usual, and that there was at the end of July a greater amount of snow than usual on the passes.

Kulu.—No snow fell in June or July. In spite of this the thickness of snow covering at altitudes of 13,000 feet and upwards was abnormal owing to the heavy falls during the winter, but the snow line was at the normal altitude.

Kilba.—No snow fell in June or July. The depth of accumulation was 3 feet on Shatul, 4 feet on Rupin and 5 feet on Brua; the first two were open to sheep and goat traffic, but the last one was not yet open. On the higher peaks there was more accumulation than usual.

V.—UNITED PROVINCES.

Garhwal.—No heavy snow was reported in June or July, and the accumulations at the end of July were said to have been normal.

Almora.—Snow fell in both the months and descended in places about 1½ to 1¾ miles below the snowline. The accumulations at the end of July were roughly normal and the passes were open to traffic. Fresh deposits of snow in June and July, and the accumulations at the end of July were as under:—

TABLE 24.

Locality.	Total June.		Total July.		Accumulation end of July.
	Feet.	Inches.	Feet.	Inches.	Feet.
Byans—					
Lipulekh	1	2	0	11	3½
Lampadhura	1	9	1	2	4
Malla—					
Darma (Nuwai pass)	0	3	0	6	15
Danpur	1	0	2	0	6 to 7

VI.—SIKKIM.

Gangtok.—No snow fell in June or July.

AUGUST AND SEPTEMBER.

I.—NORTH-WEST FRONTIER PROVINCE.

Drosh.—On the 19th September snowfall occurred on ranges 15,000 feet high.

II.—KASHMIR.

Gulmarg.—There was one light fall on the highest summit of the Afferwat range in August, while in September there were several light falls there, of which that of the 16th was more than an inch in depth and covered even the lower skirts.

Srinagar.—No snow fell in August, but in September there were two light falls on the surrounding higher ranges.

Skardu.—There was no snowfall in August, and the passes to Srinagar were open, the route *via* Deosai being clear of snow. In September there were some fresh falls on the high mountains surrounding the observatory, but the passes remained open and the mails were regular. There was no accumulation on the high mountains in either month.

Dras.—Snow to a depth of 4 inches fell on all the surrounding mountains on the 19th September.

Kargil.—No snow fell in either month.

III.—PUNJAB.

Kilba.—No snow fell in either month.

IV.—UNITED PROVINCES.

Almora.—In August snow fell on heights between 17,000 to 20,000 feet, and the snowline descended to places 1½ below the usual level; while in September snowfall occurred on heights between 15,000 to 20,000 feet and the snowline descended to places 4 miles below the snow line.

Fresh deposits and accumulations in the two months were—

TABLE 25.

Locality.	FRESH DEPOSITS.		ACCUMULATIONS.	
	August.	Septem-ber.	August.	Septem-ber.
	ft. in.	ft. in.	ft. in.	ft. in.
Malla—				
Darma . . .	0 6	1 0	14 6	15 0
Danpur . . .	1 6	2 0	1 6	2 0
Byans—				
Lipulekh . . .	1 11	6 0	3 0	7 0
Lampadhura . . .	..	..	4 0	9 0

The retreating monsoon period, October to December.

I.—AFGHANISTAN.

A report dated 23rd December states—

“The snowfall up to the middle of December was about normal; in Kabul 4” of snow fell on the 11th December (the first fall usually occurs about the 15th) and subsequently snow fell on the 19th and 20th.”

II.—BALUCHISTAN.

Quetta.—No snow fell in Quetta; but on the surrounding hills, light snowfall occurred on the 10th and 11th December.

III.—NORTH-WEST FRONTIER PROVINCE.

Wana.—Heavy falls of snow were reported in the hills between Wana and Afghanistan in the last week of December; and heavy falls also occurred at Ladha and Piazza.

Kurram.—Snow fell on the higher peaks of Safed Koh on two days in October, three days in November and four days in December. In the last month it fell on the higher and lower slopes and on adjacent hills; on the 13th snowfall descended to Parachinar Cantonment. The accumulation on the adjacent hills was larger than usual.

Drosh.—In October one snowfall varying in depth from ½ foot to 3 feet occurred on ranges 10,000 feet to 15,000 feet high, while another of ¼ foot to 2 feet depth fell at elevations of 15,000 feet. There was no snow in November. At the beginning of December there were 2 feet of snow accumulation at an elevation of 15,000 feet, but none at 10,000 feet.

Malakand.—Heavy snow fell on 12th December.

Hazara.—Snow fell in December and the following table shows the character of the snowfall and the accumulations at the end of the month.

TABLE 26.

Locality.	No. of days of snowfall.	Total amount.		Accumulation.	
		Feet.	Inches.	Feet.	Inches.
Narang	10	8	4	4	0
Paludaran	10	6	9	3	2
Kagan	9	4	10	1	0
Jared	4	0	10	nil.	
Malkandi	2	0	2	nil.	
Sundigali	3	0	11	0	3
Jachha	3	0	7	0	6
Thandiani	6	5	0	3	6
Dungagali	7	5	10	0	5

IV.—KASHMIR.

Srinagar.—Snow fell on the higher mountains on the 5th, 7th and 8th October 1922, but none in the valley. There

was no snow in November. In December there were two snowfalls in the main valley about the middle of the month, but the total precipitation was below normal.

Skardu.—A fall of 3" occurred on the 14th October on the nearer hills to the southwest. There was no snow in November. 6" of snow fell on peaks towards the northwest on 1st December; in the second fortnight snow fell on three days, (total depth 9") at the station, and on five days on the surrounding hills. The accumulations at the end of the month were about normal at the station; on the passes on Chanda hill the depth of snow was about one foot.

Dras.—Two falls occurred in October, the depth being 1 foot on the mountains and $\frac{1}{2}$ " at the station. There was no snow in November. In December snow fell on 13 days, mostly in the second fortnight and measured 0.80" when melted into water.

Sonamarg.—There was slight rain and snow in October, but November was dry. In December there were 3 feet of snow.

Kargil.—There was no snow in October or November. In the latter half of December snow fell on 5 days and measured 0.18" when melted into water. The snowline at the end of December had come down to lower levels on all the surrounding peaks and the accumulation at the station was one inch.

Leh.—There was but little snow at Leh. The passes to the north of Leh were closed early in December.

V.—PUNJAB.

Kulu.—A report for the period 1st to 18th December shows that it rained on three days at Kulu, Saraj and Naggar. The accumulations on various mountains were :—

TABLE 27.

Kulu Tahsil.		Feet.
Rohatang		5
Hamta		6
Barsai		4
Chanderkhani		1 $\frac{1}{2}$
Boja Dhar		4 $\frac{1}{2}$
Lohri Achhri		3
Sari		5 $\frac{1}{2}$
Bhubu		2
Bastari		2
Majhang		2
Saraj Tahsil.		Feet.
Sirikhand		6
Chul		2 $\frac{1}{2}$
Maghin		1
Dundku		$\frac{1}{2}$
Tikar		$\frac{1}{2}$
Ramgarh		$\frac{1}{2}$
Nuhnon		$\frac{1}{2}$
Raghopur		1 $\frac{1}{2}$
Jalori		1 $\frac{1}{2}$
Lambri		3

Saraj Tahsil—contd.

	feet.
Sakiran	3
Gargarasan	3 $\frac{1}{2}$
Bashleo	3
Palcha	2 $\frac{1}{2}$
Tirath	3
Supakun	3

Kilba.—Three falls occurred during October down to 10,000 to 11,000 feet, the depth at the lowest level being 2 inches. On the 15th November snow came down to 8,600 feet, the depth at this level being one inch. Snow fell on 5 days in December down to about 6,000 feet; the last fall came down to the river Sutlej. At the end of the month the general snowline was at 9,000 feet. The accumulations on the well known passes were as follows at the end of the three months :—

TABLE 28.

Locality.	October.		November.		December.	
	Feet.	Inches.	Feet.	Inches.	Feet.	Inches.
Shatul	5	0	6	6	9	3
Brua	6	0	7	0	10	0
Rupin	6	0	7	3	10	3

VI.—UNITED PROVINCES.

Almora.—In October the snow descended to a distance of 5 miles in Byans and 3 or 4 miles in Malla Danpur; in November snow fell on heights between 17,000 and 20,000 feet descending 5 miles below the snowline; and all the passes were blocked; and in December the snow descended to a distance of 3 or 4 miles in Malla Danpur and 7 miles in Byans.

The fresh deposits reported during the three months were :—

TABLE 29.

Locality.	October.		November.		December.	
	Feet.	Inches.	Feet.	Inches.	Feet.	Inches.
Malla Darna	0	4	0	9	1	6
„ Danpur	2	6	1	6	...	
„ Byans	6	6	5	0	6	9

The accumulations reported at the end of the three months were :—

TABLE 30.

Locality.	October.		November.		December.	
	Feet.	Inches.	Feet.	Inches.	Feet.	Inches.
Nuve pass	15	10	16	3	17	9
Lipulekh	10	0	8	6	12	0
Lumpiya	8	0	10	6	15	0
Pindari	2	6	..		5	0

Summary.

The cold weather period January and February.—The precipitation was in defect in both the months in Baluchistan ; in the North-West Frontier Province the snowfall was heavier than usual in parts of Hazara and about normal elsewhere. The falls were roughly normal but irregularly distributed in Kashmir. In the Punjab snowfall was well above normal in Kulu in both the months, while in Kilba it was above the average in January and in defect in February. In the Almora hills snowfall was normal or in slight excess in both the months.

The hot weather period March to May.—In the neighbourhood of Kabul in Afghanistan snow fell as late as the first week of May and the total snowfall of the winter was somewhat in excess of the normal, and in Hazarajat also the snowfall of the winter was said to be the heaviest for the last twenty years ; on the other hand precipitation was in defect in Baluchistan throughout the season. In the North-West Frontier Province snowfall was in excess in parts of Hazara and roughly normal elsewhere. In Kashmir snowfall was in moderate excess in March and May, but in defect in April ; and at the end of May the passes to the north of Ladak were still closed although the snowline was receding fairly fast. In the Punjab Kulu had an excess of snowfall in March and May ; while in Kilba snowfall was normal or in defect. In the United Provinces Almora had an excess of snowfall in March and April and a deficiency in May.

The accumulations at the end of May were decidedly greater than usual in Afghanistan ; but the opposite was the condition in Baluchistan. In the hills of the North-West Frontier Province conditions were roughly normal, and in Kashmir there was probably a slight excess. In the south-east Punjab hills the snow accumulation was roughly normal, while in Kumaon it was appreciably above normal in Almora and in decided defect in Garhwal.

The monsoon season June to September.—June and July.—Light snow fell on the higher peaks in Chitral, Hazara, Kashmir and Chamba. In Almora and in the neighbourhood of Leh snowfall was heavy and in the latter region it was in excess of the normal. The accumulations at the end of July were above normal in Kurram, Chitral and Drosh in the North-West Frontier Province, near Leh in Kashmir, in Kangra and Kilba in the Punjab, and in the Almora hills ; but they were much less than usual over the whole of Kashmir excluding Leh.

August and September.—There was hardly any snowfall in August in Kashmir and the North-West Frontier Province ; but in September light falls occurred on the high mountains in Kashmir and in Drosh in the North-West Frontier Province. In the Simla hills there was no snowfall in either month. Snow fell in both months at the higher elevations in the Almora hills, but the amounts were below normal.

The retreating monsoon period October to December.—Light snow fell in October on the Safed Koh, and on the high mountains over most of Kashmir and in the south-east Punjab ; moderate snowfall occurred in Almora and near Dras. In November there was hardly any snowfall outside the Safed Koh and the Kilba and Almora hills. In December snowfall commenced earlier than usual ; the total fall of the month was roughly normal in Afghanistan, but was in slight defect in Baluchistan ; in Kashmir it was normal or in slight excess, while over most of the North-West Frontier Province there was a considerable excess. In the Almora hills there was, as in the months of October and November, an excess of snowfall in Patti Byans and a defect elsewhere.

V. DORAISWAMY IYER.

SOLAR AND MAGNETIC ACTIVITY.

REPORT FROM KODAIKANAL OBSERVATORY.

Sunspots.—The following table shows the monthly numbers of new groups observed at Kodaikanal and their

distribution between the northern and southern hemispheres. The mean daily numbers of spots visible are also given :—

TABLE 31.

	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
New . .	10	8	14	5	1	5	5	4	2	5	3	6	68
North . .	6	4	9	4	1	4	2	2	..	2	2	3	39
South . .	4	4	5	1	..	1	3	2	2	3	1	3	29
Daily numbers	1.3	1.6	2.9	1.2	0.6	0.6	0.7	0.5	0.4	0.8	0.7	1.4	[1.1]

Compared with the year 1921, there was a decrease in the case of new groups, amounting to 28 per cent. in the northern hemisphere and 48 per cent. in the southern.

The approximate mean latitude of the spots was 8.5° and 8.2° respectively in the two hemispheres.

With the exception of a large and fairly active group which crossed the central meridian on December 29, the majority of the spots were small scattered groups of short duration. A small but longlived group which was first visible in November 1921 returned four times and finally disappeared in March 1922.

Prominences.—The mean daily areas in square minutes of arc derived from the photographic records are shown below :—

—	North.	South.	TOTAL.
1922 January to June .	1.90	1.27	3.17
„ July to December .	1.58	1.70	3.28

The mean daily numbers decreased from 11.1 in the first half of the year to 10.4 in the second.

The distribution in latitude was nearly the same during the two periods of six months, but there has been a steady increase of latitude in the northern zone of greatest activity amounting to 5° per annum, the zone advancing from $+40^\circ$ during the earlier months of 1921 to $+50^\circ$ during the later months of 1922.

A similar zone of activity in the south has during the same period moved at the same rate in the opposite direction from -53° to -43° . Such fluctuations are not without precedent during this period of the solar cycle, and the

regular increase of latitude in both hemispheres culminating at the poles is not likely to begin until after the year of minimum activity of sunspots.

There was a further decline in the number of metallic prominences observed, only 41 being recorded of which 34 were observed during the first six months of the year. 33 were recorded in the northern hemisphere and eight in the southern.

Magnetic observations.—Continuous magnetograph records and absolute observations were obtained as in former years, and the records were sent to the Magnetic Survey Office, Dehra Dun.

132 “Moderate” magnetic storms were registered during the year. No “Great” storms occurred.

T. ROYDS, *Director,*
Kodaikanal and Madras Observatories.

REPORT FROM THE BOMBAY OBSERVATORY.

Alibag Magnetic Record.

The mean annual values of the magnetic elements were as follows :—

Mean easterly declination . . .	$0^\circ 12' 38''$.
„ horizontal force . . .	0.36967 C. G. S. Units.
„ vertical force . . .	0.17303 C. G. S. Units
„ inclination . . .	$25^\circ 5'$.

During the year there were 196 calm days, 159 days of small and 10 days of moderate disturbance, but there were no days of great disturbance.

The following table represents the magnetic character of each day during the year 1922 :—

TABLE 32.

1922.	MONTHS.											
Date.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1 . .	0	0	1	1	0	0	1	0	0	0	1	0
2 . .	1	0	1	1	0	1	1	0	0	0	1	0
3 . .	0	2	1	0	0	1	1	0	0	0	1	0
4 . .	0	1	1	0	0	1	0	0	0	1	0	0
5 . .	1	1	2	0	1	1	0	1	0	2	0	1
6 . .	1	1	0	0	0	1	0	0	1	1	0	0
7 . .	1	0	0	0	1	0	0	0	1	1	0	0
8 . .	1	1	0	1	1	0	0	0	1	1	0	0
9 . .	1	1	0	1	1	0	0	1	1	1	0	0
10 . .	1	0	1	1	1	0	0	1	1	0	1	1

TABLE 32—continued.

1922	MONTHS.											
Date.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
11 . .	1	0	1	1	0	0	0	2	1	0	0	0
12 . .	1	1	1	1	0	0	0	1	0	0	0	0
13 . .	0	1	2	1	0	0	0	1	1	0	0	0
14 . .	0	1	2	1	0	0	1	1	2	0	0	1
15 . .	0	1	1	1	0	0	1	1	1	0	1	0
16 . .	1	1	0	0	1	1	1	0	0	0	0	0
17 . .	1	1	1	0	0	1	1	0	0	1	0	0
18 . .	1	0	1	0	0	1	1	0	0	0	0	0
19 . .	1	1	1	0	0	1	1	0	0	0	0	0
20 . .	1	1	1	0	0	0	0	0	1	0	0	0
21 . .	0	1	1	1	1	0	0	1	1	0	0	0
22 . .	0	0	1	1	1	0	0	0	0	0	0	0
23 . .	0	0	0	1	1	1	0	1	0	0	0	0
24 . .	2	0	0	1	1	0	1	1	0	1	0	0
25 . .	1	0	1	1	1	0	0	1	0	1	0	0
26 . .	1	1	0	1	1	0	1	2	0	0	0	1
27 . .	0	1	0	1	0	0	1	1	1	0	0	0
28 . .	0	1	1	1	0	1	1	0	1	0	0	0
29 . .	0	..	1	1	0	1	1	1	0	0	1	0
30 . .	1	..	1	1	0	1	1	0	0	0	1	0
31 . .	2	..	1	..	0	..	0	0	..	1	..	0
Sum . .	21	19	25	20	12	13	15	17	14	11	7	4

In the above table 0 represents calm day, 1 represents small disturbance and 2 represents large disturbance.

Days are reckoned from 4 hrs. 51 m. to 4 hrs. 51 m. of local civil mean time corresponding to 0 hrs. to 0 hrs. of Greenwich civil mean time.

The following is a list of days during the year 1922 selected as "Quiet" from the Alibag records, as suitable locally for determination of magnetic diurnal inequalities:—

TABLE 33.

Months.	Selected quiet days.				
1922.					
January . . .	1	4	15	22	29
February . . .	1	7	11	18	25
March . . .	7	8	16	26	27
April . . .	3	7	16	19	20
May . . .	2	6	15	27	31
June . . .	1	8	15	21	27
July . . .	4	11	20	22	25
August . . .	4	8	16	22	28
September . . .	3	12	16	24	30
October . . .	3	10	16	21	26
November . . .	4	11	16	20	28
December . . .	3	8	16	23	31

The following table gives the corrected monthly mean values of the several magnetic elements and of the summed ranges of the horizontal force.

TABLE 34.

Months.	ABSOLUTE VALUES OF HORIZONTAL FORCE.				
	Horizontal force.	Vertical force.	Inclination.	Easterly Declination.	Summed ranges.
1922.	C. G. S.	C. G. S.	° ' "	° ' "	C. G. S.
January . . .	-36966	-17280	25 3.2	0 13 54	0.00212
February . . .	-36968	-17284	25 3.5	13 53	0.00181
March . . .	-36963	-17285	25 3.8	13 53	0.00308
April . . .	-36965	-17293	25 4.3	13 37	0.00260
May . . .	-36973	-17802	25 4.7	13 7	0.00248
June . . .	-36976	-17302	25 4.6	12 52	0.00247
July . . .	-36964	-17295	25 4.4	12 42	0.00226
August . . .	-36961	-17316	25 6.2	12 12	0.00203
September . . .	-36951	-17314	25 6.4	11 40	0.00173
October . . .	-36967	-17323	25 6.5	11 27	0.00228
November . . .	-36974	-17319	25 5.9	11 14	0.00217
December . . .	-36975	-17326	25 6.4	11 7	0.00190

SEISMIC RECORDS.

STATION—KODAIKANAL.

 $\phi=10^{\circ} 13' 50'' N$; $\lambda=77^{\circ} 28' 00'' E$; $h=2343$ m. *Subsoil*—Rock.*Apparatus*.—Milne's Horizontal Pendulum Seismograph.

TABLE 35.

						V	To	c	$\frac{r}{To^2}$						
AE:						9.76	17.2	1	2.8	January, February and April.					
						9.76	17.1	1	2.7	March.					
						9.76	17.0	1	2.7	May.					
						9.76	17.5	1	2.7	June.					
						9.76	17.4	1	2.7	July.					
						9.76	17.6	1	2.6	August and September.					
						9.76	17.7	1	2.8	October.					
						9.76	18.0	1	2.5	November.					
						9.76	17.8	1	2.5	December.					

Date.	Phase.	Time G.M.T.	Period (Sec.)	AMPLITUDE. (μ)	REMARKS.	Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLITUDE. (μ)	REMARKS.	Date.	Phase.	Time G.M.T.	Period (Sec.)	AMPLITUDE. (μ)	REMARKS.
1922.		h. m. s.		AR.		1922.		h. m. s.				1922.		h. m. s.			
Jan. 1st	e P	20 12 06	..	..		Jan. 19th	e P	22 18 12	..	..		Feb. 14th	e P	12 55 48	..	..
	e L	20 49 42	..	..			e L	22 33 06	..	..			1 L	12 59 36	..	..
	M	20 56 18	..	60			M	22 43 18	..	110			M	13 1 12	..	80	
	F	21 27 54	..	..			F	23 29 00	..	..			F	13 40 18	..	..
" 4th	e P	0 10 12	..	..		" 22nd	e P	4 26 06	..	..		" 16th	e P	4 53 36	..	..
	F	0 27 42	..	..	Widening of line.		e L	4 33 00	..	..			F	5 3 54	..	..	Widening of line.
	M		..	..			M	4 31 00	..	..					..	..
" 6th	e P	14 45 30	..	..			F	(?)	..	..	Hour mark at 4h. 30m. Instrument examined at 4h. 47m.	March 4th	e P	13 23 18	..	..
	e L	15 00 00	..	..									F	14 23 48	..	..	Widening of line.
	M	15 50 36	..	50		" 23rd	e P	14 50 00	..	..		" 12th	e P	18 03 00	..	..
	F	16 26 42	..	..	Shows several other maxima with amplitude 0.5.		F	14 58 12	..	..	Widening of line.		e L	18 11 24	..	..
" 7th	e P	9 54 12	..	..		" "	e P	21 42 18	..	..			M	18 13 06	..	80	
	F	9 58 48	..	..	Widening of line.		e L	21 54 36	..	..			F	19 02 36	..	..
" 9th	e P	5 38 42	..	..			M	21 59 42	..	50		April 2nd	e P	20 8 18	..	..
	e L	6 13 06	..	..		" 31st	e P	13 53 36	..	..			e L	20 24 48	..	..
	M	6 19 12	..	100			e L	14 15 36	..	..			M	20 27 12	..	50	
	F	7 11 00	..	..			M	14 40 18	..	150		" 5th	e P	10 24 36	..	..
" 10th	e P	14 8 00	..	..		Feb. 5th	e P	4 5 12	..	..	Widening of line.		e L	10 46 30	..	..
	F	14 15 36	..	..	Widening of line.		F	4 26 42	..	..			M	10 48 30	..	50	
" 17th	e P	4 9 00	..	..		" 9th	e P	9 24 48	..	..	Widening of line.	" 8th	e P	3 50 36	..	..	Widening of line.
	e L	4 17 12	..	..			F	9 29 48	..	..			F	3 59 54	..	..
	M	4 44 24	..	150		" "	e P	9 11 48	..	..			e P	21 15 18	..	..
	F	6 10 00	..	..			F	9 15 30	..	..	Widening of line.		e L	21 32 06	..	..
" 18th	e P	18 24 24	..	..		" "							M	21 36 12	..	40	
	F	18 28 30	..	..	Widening of line.								F	21 57 48	..	..

TABLE 35—contd.

Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLI- TUDE. (μ)	REMARKS.	Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLI- TUDE. (μ)	REMARKS.	Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLI- TUDE. (μ)	REMARKS.
				AE.						AE.						AE.	
1922.		h. m. s.				1922.		h. m. s.				1922.		h. m. s.			
April 10th	e P	7 53 42	..	..		June 12th	e P	6 14 06	..	..		Aug. 16th	e P	16 18 12	..	..
	e L	8 7 06	..	..			F	6 52 36	..	..	Widening of line.		i L	16 43 48	..	..
	M	8 8 06	..	50		" 16th	e P	12 32 36	..	..			M	16 46 24	..	160	
	F	8 15 13	..	..			F	12 37 42	..	..	Widening of line.	" 23rd	e P	17 28 30	..	..
" 16th	e P	..	..	..	No P. T's.	" 17th	e P	5 1 48	..	..	Widening of line.		F	14 14 42	..	..	Widening of line.
	e L	13 31 42	..	..			F	5 5 54	..	..	Widening of line.	" "	e P	15 23 18	..	..
	M	13 35 48	..	50		" 20th	e P	6 24 54	..	..	Widening of line.		F	15 33 36	..	..	Widening of line.
	F	13 42 00	..	..		" 27th	e P	13 7 00	..	..	Widening of line.	" 25th	e P	12 42 24	..	..
" 25th	e P	21 35 36	..	..			F	6 48 54	..	..	Widening of line.		F	12 47 00	..	..	Widening of line.
	e L	22 16 36	..	..		" 27th	e P	13 12 00	..	..	Widening of line.	" "	e P	19 48 36	..	..
	M	22 23 48	..	90		" "	e P	14 10 00	..	..	Widening of line.		i L	19 53 30	..	..
	F	23 14 06	..	..		" "	F	14 13 06	..	..	Widening of line.		M	19 54 48	..	160	
" 26th	e P	4 25 00	..	..		" "	e P	14 39 18	..	..			F	20 17 36	..	..
	e L	4 47 36	..	..		" 28th	e P	1 21 18	..	..	Widening of line.	" 26th	e P	7 33 06	..	..
	M	4 55 36	..	50			e L	14 58 42	..	..			F	7 40 18	..	..	Widening of line.
	F	5 20 48	..	..		" 28th	e P	15 2 48	..	50		" 29th	e P	17 16 30	..	..
" 28th	e P	7 29 54	..	..	Widening of line.	" 28th	e P	1 23 18	..	..	Widening of line.		e L	17 23 48	..	..
	F	7 38 06	..	..			F	15 43 18	..	..			M	17 29 30	..	150	
May 2nd	i P	10 20 30	..	..		July 2nd	e P	13 59 12	..	..		" 31st	e P	2 34 12	..	..
	i L	11 28 42	..	..			e L	14 36 12	..	..			F	2 36 18	..	..	Widening of line.
	M	11 31 18	..	100		" 3rd	M	14 39 42	..	300		Sep. 1st	i P	19 23 18	..	..
" 4th	e P	9 34 06	..	..	Widening of line.	" 3rd	F	16 12 00	..	..			i L	19 31 00	..	..
	F	11 06 06	..	..		" 3rd	i P	5 38 12	..	..			M	19 45 54	..	1050	
" 6th	e P	2 05 06	..	..	Widening of line.	" 13th	i L	5 40 30	..	..		" 6th	e P	22 22 48	..	..
	F	2 09 06	..	..		" 13th	M	5 41 18	..	110			F	22 41 24	..	..
" 9th	e P	14 05 54	..	..	Widening of line.	" 13th	e P	6 0 48	..	..		" 8th	e P	22 45 30	..	..	Widening of line.
	F	14 32 48	..	..		" 13th	e L	5 12 24	..	..			F	22 45 30	..	..
" 11th	e P	9 50 00	..	..		Aug. 11th	e P	5 25 12	..	..		" 8th	e P	14 18 24	..	..
	e L	10 03 00	..	..			M	5 29 24	..	70			i L	14 22 30	..	..
	M	10 06 06	..	60		" 13th	F	5 42 12	..	..		" 11th	e P	14 24 36	..	300	
" 12th	e P	10 36 42	..	..		" 13th	e P	5 42 12	..	..			F	14 50 36	..	..
	e L	19 03 30	..	..		" 13th	e L	8 36 12	..	..		" 11th	e P	15 9 24	..	..
	M	19 33 36	..	..		" 13th	M	8 47 24	..	..			e L	15 13 06	..	..
	F	19 43 24	..	90		" 13th	F	8 58 42	..	50		" 11th	M	15 15 06	..	50	
" 16th	e P	20 03 06	..	..		" 13th	e P	9 14 06	..	..	Widening of line.	" 14th	e P	15 40 18	..	..
	e L	8 30 00	..	..		" 13th	F	14 23 18	..	..			F	19 41 18	..	..
	M	8 33 06	..	..		" 13th	e P	14 37 42	..	..			e L	19 50 30	..	..
	F	8 36 12	..	60		" 13th	i L	0 25 06	..	..		" 16-17th	e P	20 1 48	..	340	
" 22nd	e P	8 44 24	..	..		" 13th	M	0 41 18	..	..			F	21 11 00	..	..
" 22nd	e P	18 31 00	..	..	Widening of line.	" 13th	F	0 48 30	..	200		" 16-17th	e P	22 58 42	..	..
	F	18 39 18	..	..		" 13th	e P	1 36 12	..	..			e L	23 12 06	..	..
June 2nd	e P	20 19 12	..	..		" 13th	F	13 15 36	..	..	Widening of line.	" 17th	e P	23 20 48	..	80	
	e L	20 34 06	..	..		" 16th	e P	13 27 54	..	..			F	0 2 48	..	..
	M	20 46 54	..	90		" 16th	F	15 17 12	..	..	Widening of line.	" 17th	e P	7 40 18	..	..
	F	21 27 24	..	..		" 16th	F	16 24 24	..	..	Widening of line.		F	8 29 30	..	..	Widening of line.

TABLE 35—*concl'd.*

Date.	Phase.	Time G.M.T.	Period (Sec.)	AMPLI- TUDE (μ)	REMARKS.	Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLI- TUDE (μ)	REMARKS.	Date.	Phase.	Time G.M.T.	Period (Sec.)	AMPLI- TUDE (μ)	REMARKS.
				AE.						AE.						AE.	
1922.		h. m. s.				1922.		h. m. s.				1922.		h. m. s.			
Sep. 17th	e P	10 16 06	..	..		Nov. 7-8th	e P	23 19 54	..	..		Dec. 6th	e P	14 02 39	..	..
	e L	10 23 12	..	..			e L	0 17 54	..	..			e L	14 05 00	..	..
	M	10 29 30	..	90			M	0 28 30	..	480			M	14 07 06	..	210	
	F	11 16 24	..	..			F	1 16 48	..	..			F	14 48 06	..	..
" 20th	e P	19 0 48	..	..		" 9th	e P	0 25 24	..	..		" 7th	e P	17 23 36	..	..
	F	19 13 06	..	..	Widening of line.		F	0 26 24	..	..	Widening of line.		F	17 42 06	..	..	Widening of line.
Oct. 1st	e P	17 32 06	..	..		" 11th	e P	..	..	..	No P. T's.	" 14-15th	e P	23 24 24	..	..
	F	17 32 12	..	..	Widening of line.		i L	4 51 24	..	..			F	24 11 00	..	..	Widening of line.
" 11th	An earthquake of amplitude 1.0 was recorded on the 11th, but as the driving of the sheet stopped several times during the day, the time could not be determined.						M	6 4 48	..	1300		" 17th	..	..	..	..	No P. T's.
" 17th	e P	6 47 24	..	..		" "	e L	19 29 00	..	..			e L	1 1 00	..	..
	i L	6 49 30	..	..			M	19 37 12	..	230			M	1 1 48	..	80	
	M	6 51 54	..	140			F	20 15 54	..	..			F	1 14 24	..	..
	F	7 14 06	..	..		" 12th	e P	8 28 00	..	..		" 23rd	e P	23 1 48	..	..
" "	e P	10 2 18	..	..			F	8 41 30	..	..	Widening of line.		F	23 8 00	..	..	Widening of line.
	F	10 21 18	..	..	Widening of line.	" 14th	e P	5 10 54	..	..		" 25th	P	?	..	..	Instrument examined at 4h. 11m.
" 24th	e P	21 33 36	..	..			e L	5 12 12	..	..			e L	4 31 00	..	..
	i L	21 42 18	..	..			M	5 12 54	..	80			M	4 35 06	..	100	
	M	21 42 36	..	90		" 17th	F	5 16 30	..	..			F	4 46 24	..	..
	F	22 51 30	..	..			e P	11 32 18	..	..		" 31st	e P	7 30 30	..	..
" 27th	e P	14 50 30	..	..			e L	12 20 18	..	..			e L	7 59 12	..	..
	F	15 11 00	..	..	Widening of line.		M	12 29 36	..	430			M	8 8 12	..	150	
Nov. 7th	e P	18 39 30	..	..		Dec. 2nd	e P	5 14 06	..	..			F	9 11 00	..	..
	F	18 56 00	..	..	Widening of line.		F	5 28 30	..	..	Widening of line.						

J. EVERSHED,

Director,

Kodaikanal and Madras Observatories.

Apparatus.—Omori Ewing Horizontal Pendulum (E—W.).

TABLE 36.

Ae						V		To		E		$\frac{r}{To^2}$					
						20		32		...		..		
Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLI- TUDE. (μ)	REMARKS.	Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLI- TUDE (μ)	REMARKS.	Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLI- TUDE (μ)	REMARKS.
				Ae.						Ae.						Ae.	
1922.		h. m. s.				1922.		h. m. s.				1922.		h. m. s.			
Jan. 6th	c	14 49 25†	..	..	Maximum cannot be determined as the movements are very small.	June 2nd	P	20 22 14	..	..	Maximum cannot be determined as the movements are very small.	Sept. 17th	P c	7 41 29†	..	..	Maximum cannot be determined as the movements are very small.
" 9th	cP	6 7 53	..	..	Do. do.												
" 17th	P	4 9 2	..	..		July 2nd	P	13 52 34	..	..		" 17th	P e	10 14 23†	..	..	Do. do.
	M	4 36 57	..	855			S	14 4 32	..	..		Oct. 11th	P	15 10 11†	..	..	Do. do.
" 19th	P	22 20 5†	..	..	Maximum cannot be determined as the movements are very small.	" 3rd	P	5 40 3	..	..	Maximum cannot be determined as the movements are very small.	" 14th	P c	23 58 20*	..	..	Do. do.
							M	14 32 35	..	170		" 16th	P	16 3 55*	..	..	Do. do.
" 31st	e P	13 58 25	..	..								" 24th	P	21 33 6*	..	..
	M	14 17 11	..	125		Aug. 13th	P	0 17 15	..	..	Do. do.		S	21 42 9	..	..
Feb. 14th	c P	13 3 51	..	..	Maximum cannot be determined as the movements are very small.	" 16th	P	16 13 21*	..	..	Do. do.		L	21 57 44	..	..
						" 25th	P e	19 33 56*	..	..	Do. do.		M	22 3 52	..	..
						" 29th	P	17 16 36*	..	..	Do. do.						
Mar. 4th	P	13 18	..	..	Do. do.	Sept. 1st	P	19 24 22*	..	..		Nov. 8th	P c	0 11 33*	..	..	Movements very small
" 12th	P	18 0 50†	..	..	Do. do.		S	19 31 6	..	..		" 11th	P	4 52 27†	..	..
" 13th	P	0 9 11	..	..	Do. do.		L	19 40 23	..	..			S	5 9 48	..	..
April 8th	P	20 58 39*	..	..	Do. do.	" 8th	P e	14 13 54†	..	..	Maximum cannot be determined as the movements are very small.		L	5 47 19	..	..
May 2nd	P	11 20 19	..	..									M	5 51 9	..	..
	S	11 25 3	..	..											
	M	11 27 46	..	30													
" 4th	P	9 33 15	..	..		" 14th	P e	19 40 46†	..	..		Dec. 6th	P	13 59 31*	..	..	Maximum cannot be determined as the movements are very small.
	e S	9 40 39	..	..	Maximum cannot be determined as the movements are very small.		L	19 50 47	..	..						..
							M	19 59 37	..	..						..
" 12th	P c	18 51 6†	..	..	Movements very small.	" 16th	P c	22 56 2†	..	..		" 17th	P	0 55 31	..	..	Do. do.
							L	23 3 17	..	..		" 31st	P	7 40 4	..	..	Do. do.
							M	23 12 49	..	..						..

↑ " " " 2 (N.-S) " " " " "

Director,

Colaba, Bombay Observatory.

STATION—CALCUTTA (ALIPORE).

 $\phi = 22^{\circ} 32' N$; $\lambda = 88^{\circ} 20' E$; $h = 6.4$ m. *Subsoil*—Alluvial.*Apparatus*.—Two Omori Ewing Horizontal Pendulum Seismographs.

TABLE 37.

						V	To	ϵ	$\frac{r}{To^3}$						
AN	.	.	.	.	.	29	18	1							
AE	.	.	.	.	.	29	20	1							

Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLITUDE (μ)	REMARKS.	Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLITUDE (μ)	REMARKS.	Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLITUDE (μ)	REMARKS.
1922.		h. m. s.		AN. AE.		1922.		h. m. s.				1922.		h. m. s.			
Jan. 17th	P	4 9 24	2	.. ..	E-W instrument not in use as the driving clock had been sent for repair.	June 2nd	P	20 19 26	3	.. ..		Aug. 15th	AN	2 44 13	2	.. ..
							S	20 29 14	6	.. ..			P	2 46 35	3	.. ..
							L	20 37 50	19	.. ..			L	2 51 37	..	.. ..
							F	21 36 50	..	.. ..			F				
	S	4 18 0	5	.. ..		" 27th	P	14 36 35	3	.. ..		" 16th	AE	16 10 9	5	.. ..	Distant shock.
	L	4 26 36	7	.. ..			L	14 46 35	19	.. ..			P	16 20 9	12	.. ..
	F	5 6 0	..	.. ..			F	15 29 35	..	.. ..			S	16 30 21	17	.. ..
Feb. 14th	P	12 53 18	3	.. ..		July 2nd	AE	13 47 55	5	.. ..			L	16 36 16	..	.. 172	
	S	12 59 18	6	.. ..			P	14 3 21	7	.. ..			M	17 27 9	..	.. ..
	L	13 6 18	12	.. ..			S	14 17 45	17	.. ..		" 25th	AE	19 35 45	2	.. ..
	F	14 25 18	..	.. ..			L	14 24 21	..	.. 414			P	19 41 2	5	.. ..
March 4th	P	13 17 18	3	.. ..			M	15 28 9	..	.. ..	Distant moderate shock.		S	19 46 9	7	.. ..
	S	13 21 59	5	.. ..		" 2nd	AN	13 48 27	2	.. ..			L	20 23 2	..	.. ..
	L	13 26 45	7	.. ..			P	14 35 27	..	.. ..		" 25th	AN	19 35 47	1	.. ..
	F	13 57 26	..	.. ..			F	14 46 36	..	.. ..	Local shock.		P	19 40 52	2	.. ..
April 5th	P	10 8 46	3	.. ..		August 8th	AE	14 48 17	5	.. ..			L	19 47 14	5	.. ..
	S	10 16 20	7	.. ..			L	15 12 36	..	.. ..			F	20 4 14	..	.. ..
	L	10 23 52	17	.. ..		" 8th	AN	14 46 24	..	.. ..		" 29th	AE	17 7 38	3	.. ..
	F	11 36 20	..	.. ..			P	14 47 55	2	.. ..			P	17 19 4	12	.. ..
" 11th	P	15 18 9	2	.. ..			L	15 2 24	..	.. ..			M	17 22 35	..	.. 276	
	L	15 19 55	3	.. ..		" 13th	AE	0 19 6	2	.. ..	Distant shock		F	18 13 21	..	.. ..
	F	15 34 9	..	.. ..			P	0 26 42	5	.. ..		Sept. 1st	AE	19 22 24	3	.. ..
May 2nd	P	11 13 5	2	.. ..			S	0 35 18	17	.. ..			P	19 27 48	6	.. ..	Severe shock.
	S	11 14 55	3	.. ..			L	1 28 23	..	.. ..			S	20 50 12	..	.. ..
	L	11 16 36	10	.. ..		" 13th	AN	0 19 4	2	.. ..		" 1st	AN	19 22 27	3	.. ..
	M	11 19 55	..	1586.414			P	0 26 35	5	.. ..			P	19 27 39	6	.. ..
	F	12 23 43	..	.. ..			S	0 49 4	..	.. ..			L	19 33 10	14	.. ..
" 4th	P	9 22 33	3	.. ..		" 15th	AE	2 44 18	..	.. ..			M	19 36 2	..	2672 ..	
	F	10 46 3	..	.. ..			P	2 46 41	2	.. ..			F	20 6 27	..	.. ..
" 9th	P	13 58 47	3	.. ..			L	2 49 35	..	.. ..					
	F	15 57 16	..	.. ..			F										
" 15th	P	4 17 21	3	.. ..												
	F	4 36 51	..	.. ..											
" 16th	P	8 13 38	2	.. ..												
	F	8 52 14	..	.. ..											

Date.	Phase.	Time G.M.T.	Period (Sec.)	AMPLITUDE (μ)	REMARKS.	Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLITUDE (μ)	REMARKS.	Date.	Phase.	Time G.M.T.	Period (Sec.)	AMPLITUDE (μ)	REMARKS.
		h. m. s.		AN. AE.				h. m. s.		AN. AE.				h. m. s.		AN. AE.	
1922.						1922.						1922.					
Sept. 9th	AE P	14 21 28	Slight shock.	Oct. 11th	AN P	15 10 23	2		Oct. 17th	AN P	21 17 8	2	
	S	14 26 38	5			F	15 48 38			F	21 41 51	
	L	14 32 38	17		" 14th	AE P	4 10 36	Slight shock.	" 24th	AE P	21 30 40	2	Distant slight shock.
	F	15 21 38			L	4 15 26	10			S	21 38 40	5	
" 11th	AE P	14 52 0	2	Slight shock.	" 14th	F	4 37 33			L	21 47 18	7	
	F	15 44 34		" 14th	AN P	4 10 55	2		" 24th	F	22 46 4	
" 11th	AN P	14 52 22	2			L	4 15 38	5			AN P	21 30 50	2	
	F	15 9 41		" 14th	F	4 29 24			S	21 38 28	
" 14th	AE P	19 37 58	3	Severe shock	" 14th	AE P	23 53 31	3	Shock of some severity.	" 27th	F	22 12 57	
	S	19 43 8	6			S	23 58 55	5			AE P	14 29 55	Slight shock.
	L	19 47 58	12		" 15th	L	0 4 31	14			S	14 34 55	6	
	M	19 50 44	..	2276			M	0 6 31	..	1379			L	14 41 12	12	
	F	21 19 8		" 14th	F	0 46 31		" 27th	P	15 14 55	
" 14th	AN P	19 38 6		" 14th	AN P	23 53 2	2			AN P	14 29 50	
	S	19 43 23	3		" 15th	S	23 58 9	3			F	14 55 43	
	L	19 48 16	12		" 15th	L	0 3 45		" 30th	AE P	6 27 23	2	Slight shock.
" 16th	AE P	22 54 16	3	Moderate shock.	" 16th	M	0 6 28		" 30th	AN P	6 27 23	2	
	S	22 58 21	7		" 16th	F	0 36 35			F	6 47 57	
	L	3 2 26	10		" 16th	AE P	16 5 41	5	Slight shock.	Nov. 11th	AE P	4 52 52	2	It is a shock of great intensity. All its stages could not be determined owing to overlapping of lines. The maximum amplitude also could not be determined as the recording pen went off the drum.
	M	3 4 26	..	586		" 16th	S	16 8 31	7	.. ..						
	F	23 42 16	..	.. ..		" 16th	L	16 11 48	10	.. ..						
" 17th	AE P	7 28 18	3	.. ..		" 16th	F	16 44 41	..	.. ..					
	S	7 33 44	7	.. ..		" 16th	AN P	16 5 36	3	.. ..						
	L	7 39 49	12	.. ..		" 16th	S	16 8 53	5	.. ..						
" 17th	AE P	10 4 34	..	.. ..		" 16th	L	16 12 3	7	.. ..						
	S	10 9 55	10	.. ..		" 16th	F	16 35 53	..	.. ..					
	L	10 16 34	14	.. ..		" 17th	AN P	6 40 59	3	.. ..	Moderate shock.					
	F	11 30 24	..	.. ..		" 17th	S	6 45 19	7	.. ..						
" 20th	AE P	18 49 16	2	.. ..	Slight shock.	" 17th	L	6 48 47	14	.. ..						
	S	18 52 59	5	.. ..		" 17th	M	6 52 57	..	517						
	L	18 56 38	12	.. ..		" 17th	F	7 20 57	..	.. ..		" 11th	AN P	4 52 40	2	.. ..
	F	19 24 16	..	.. ..		" 17th	AN P	9 59 16	..	.. ..	Slight shock.		S	5 4 28	5	.. ..
" 29th	AN P	18 49 16	2	.. ..		" 17th	F	10 21 57	..	.. ..			F	9 39 28	..	.. ..
	S	18 52 57	3	.. ..		" 17th	AE P	17 49 44	..	.. ..	Slight shock.	Dec. 2nd	AN P	4 52 40	2	.. ..
	F	19 8 28	..	.. ..		" 17th	F	18 13 44	..	.. ..			S	5 4 38	6	.. ..
Oct. 11th	AE P	12 33 9	2	.. ..	Slight shock.	" 17th	AN P	17 49 13	2	.. ..		" 2nd	F	7 23 26	..	.. ..
	F	12 49 40	..	.. ..		" 17th	F	18 6 47	..	.. ..			AE P	3 53 10	..	.. ..
" 11th	AN P	12 53 8	2	.. ..		" 17th	AE P	21 17 26	2	.. ..	Slight shock.	" 6th	L	4 4 39	12	.. ..
	F	12 47 8	..	.. ..			P	21 38 26	..	.. ..			F	4 35 51	..	.. ..
" 11th	AE P	15 10 34	2	.. ..	Do.		F	21 38 26	..	.. ..			AN P	3 53 13	2	.. ..
	F	16 52 48	..	.. ..									L	4 4 25	10	.. ..
													F	4 26 54	..	.. ..
													AE P	14 0 2	2	.. ..
													L	14 3 34	6	.. ..
													M	14 3 40	..	879	
													F	14 56 10	..	.. ..

Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLI- TUDE. (μ)	REMARKS.	Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLI- TUDE. (μ)	REMARKS.	Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLI- TUDE. (μ)	REMARKS.
1922		h. m. s.		AN AE		1922		h. m. s.		AN AE		1922		h. m. s.		AN AE	
Dec. 6th	AN P	14 0 4	2	.. ..		Dec. 17th	AE P	0 55 48	2	.. ..	Slight local shock.	Dec. 24th	AN P	0 8 39	..	.. ..
	L	14 3 36	5	.. ..			L	0 59 26	5	.. ..			S	0 10 11	1	.. ..
	M	14 3 46	..	517 ..			F	1 33 56	..	.. ..			L	0 11 47	5	.. ..
	F	14 49 16	..	.. ..									F	0 39 25	..	.. ..
" 7th	AE P	17 6 48	3	.. ..		" 17th	AN P	0 55 49	2	.. ..		" 31st	AE P	7 29 40	3	.. ..
	F	17 46 48	..	.. ..			L	0 59 28	5	.. ..			F	9 14 21	..	.. ..
" 7th	AN P	17 6 52	2	.. ..		" 24th	AE P	0 8 36	1	.. ..	Slight local shock.	" 31st	AN P	7 29 43	2	.. ..
	F	17 32 22	..	.. ..			S	0 10 14	2	.. ..			F	8 21 26	..	.. ..
							L	0 11 52	5	.. ..						
							F	0 44 26	..	.. ..					

STATION—SIMLA.

$\phi = 31^{\circ} 6' N$; $\lambda = 77^{\circ} 11' E$; $h = 2.1$ km. *Subsoil*—Rock.

Apparatus.—Two Omori-Ewing Horizontal Pendulum Seismographs (Masses 50 kg.)

TABLE 38.

	V	To	G	$\frac{r}{To^2}$	
AN	14	45	1		From 1-1-22 to 27-3-22.
	14	32	1		" 28-3-22 to 14-6-22.
	14	39	1		" 15-6-22 to 31-12-22.
AE	14	45	1		From 1-1-22 to 26-3-22.
	14	32	1		" 27-3-22 to 14-6-22.
	14	42	1		" 15-6-22 to 31-12-22.

Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLI- TUDE. (μ)	REMARKS.	Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLI- TUDE. (μ)	REMARKS.	Date.	Phase.	Time G. M. T.	Period (Sec.)	AMPLI- TUDE. (μ)	REMARKS.
1922.		h. m. s.		AN. AE.		1922.		h. m. s.		AN. AE.		1922.		h. m. s.		AN. AE.	
Jan. 6th	e	14 49 24	..	.. ..		Jan. 17th	AN P	4 9 06	..	.. ..		Feb. 8th	e	13 43 12	..	.. ..
	M	15 28 30	..	36 ..			L	4 38 12	40	.. ..			F	13 44 42	..	.. ..	Very slight shock.
	F	16 34 12	..	.. ..			M	4 39 24	..	679 ..		" 14th	..	..	..	.. ..	Tremors between 13 hrs. and 14 hrs.
" 8th	e	17 7 18	..	.. ..			F	5 18 12	..	.. ..		" 16th	..	..	..	.. ..	Time marker not work- ing.
	F	17 8 18	..	.. ..	Very slight local shock.	" 19th	e	22 21 00	..	.. ..				..	..	.. ..	Tremors between 4 hrs. and 4 1/2 hrs.
" 8th	e	20 35 54	..	.. ..			M	22 40 48	..	50 ..		" 22nd	e	23 37 30	..	.. ..	Time marker not work- ing.
	F	20 36 30	..	.. ..	Do.	" 21st	e	19 45 54	..	.. ..	Slight tremors.		F	23 40 24	..	.. ..	Very slight shock.
" 9th	e	6 3 00	..	.. ..			F	19 59 18	..	.. ..		Mar. 13th	e	0 11 00	..	.. ..
	M	6 11 36	..	71 71		" 26th	e	10 30 54	..	.. ..			F	0 13 24	..	.. ..	Very slight shock. Felt in Kathia- Slight [war. tremors.]
	F	6 26 48	..	.. ..		" 31st	M	10 22 12	..	75 ..		April 2nd	AE	20 01 54	..	.. ..
" 10th	e	14 3 18	..	.. ..			F	10 50 42	..	.. ..			e	20 16 24	..	.. ..
	M	14 4 00	..	54 ..			AE	13 43 30	..	.. ..		" 5th	AE	10 19 12	..	.. ..
	Pe	14 0 48	..	.. ..			Se	14 0 48	..	.. ..		" 5th	P	10 21 42	..	.. ..
	Le	14 14 54	..	.. ..			M	14 15 30	20	.. 71			Le	10 19 12	..	.. ..
	M	14 15 30	..	.. ..		" 31st	F	15 06 54	..	.. ..			AN	10 26 54	..	.. ..
" 17th	AN P	4 9 00	..	.. ..			AN P	13 42 12	..	.. ..			P	10 31 00	34	.. ..	Distant shock.
	L	4 39 48	35	.. ..			Le	14 13 18	36	.. ..			L	10 44 18	..	.. ..
	M	4 40 12	..	.. 179			M	14 14 06	..	357 ..			S	..	..	.. ..
	F	5 18 12	..	.. ..			F	16 00 18	..	.. ..			F	..	..	.. ..

TABLE 38—*contd.*

Date.	Phase.	Time G.M.T.	Period (Sec.)	AMPLI- TUD. (μ)	REMARKS.	Date.	Phase.	Time G.M.T.	Period (Sec.)	AMPLI- TUD. (μ)	REMARKS.	Date.	Phase.	Time G.M.T.	Period (Sec.)	AMPLI- TUD. (μ)	REMARKS.
				AN. AE.						AN. AE.						AN. AE.	
1922.		h. m. s.				1922.		h. m. s.				1922.		h. m. s.			
April 8th	AE c	3 47 42	..	.. ..		June 12th	AN Pe	5 45 30	..	.. ..		Aug. 11th	AE c	14 05 24	..	.. ..
	F	3 53 12	..	.. ..	Slight tremors.		eL	5 51 18	23	.. ..			eF	14 30 42	..	.. ..	Distant shock
" 8th	AN c	3 47 24	..	.. ..			F	6 54 18	..	.. ..	Slight distant shock.	" 11th	AN c	14 11 24	..	.. ..
	F	4 05 30	..	.. ..	Do.	" 27th	AE c	14 46 18	..	.. ..	Tremors	" 13th	eF AE P	14 23 30	..	.. ..	Do.
" 8th	AE P	21 00 48	..	.. ..			F	15 19 00	..	.. ..			AE P	0 17 30	..	.. ..
	P	21 38 00	..	.. ..	Distant shock.	July 2nd	AE P	13 48 12	..	.. ..			S	0 23 36	..	.. ..
" 8th	AN P	21 00 48	..	.. ..			S	14 07 48	..	.. ..			L	0 32 30	36	.. 250	
	S	21 13 48	..	.. ..			L	14 16 18	36	.. ..			F	1 20 06	..	.. ..	Moderate shock about 3,000 miles away.
	L	21 18 00	26	.. ..			M	14 18 48	..	218 ..	Moderately severe shock.	" 13th	AN P	0 20 24	..	.. ..
	M	21 19 06	..	71 ..	Do.	" 2nd	AN P	13 47 54	..	.. ..			L	0 34 00	21	153 ..	
" 10th	F	21 31 42	..	.. ..			S	14 07 36	..	.. ..			F	1 23 30	..	.. ..	Do.
	AN e	8 15 24	..	.. ..	Slight tremors.		L	14 20 12	23.4	.. ..		" 16th	AE P	16 15 00	..	.. ..
" 16th	AN c	8 20 18	..	.. ..			M	14 27 06	..	303 ..	Do.		L	16 33 06	26	.. ..
	F	12 31 30	..	.. ..	Tremors.	" 3rd	F	15 09 54	..	.. ..			M	16 33 48	..	.. 107	
" 26th	AN P	4 15 18	..	.. ..			AE P	5 43 24	..	.. ..			F	17 55 30	..	.. ..	Moderate shock about 4,000 miles away.
	S	4 29 12	..	.. ..		" 3rd	eL	5 47 42	30	.. ..	Slight shock.	" 16th	AN P	16 14 54	..	.. ..
	eL	4 37 30	34	.. ..			F	6 06 18	..	.. ..			L	16 34 18	21	.. ..
	M	4 37 48	..	500 ..		" 3rd	AN P	5 42 54	..	.. ..			M	16 34 48	..	.. 107 ..	
May 2nd	F	5 39 48	..	.. ..	Distant shock.	" 3rd	eL	5 47 48	..	.. ..	Do.	" 17th	AE c	0 24 54	..	.. ..
	AE P	11 15 42	..	.. ..			F	6 11 12	..	.. ..			F	17 18 48	..	.. ..	Moderate shock about 4,000 miles away.
	S	11 19 36	..	.. ..		" 3rd	AE c	10 11 00	..	.. ..	Slight local shock.	" 17th	AN c	0 24 54	..	.. ..
" 2nd	AN P	11 45 00	..	.. ..		" 3rd	F	10 16 36	..	.. ..	Do.	" 20th	F	0 33 12	..	.. ..
	S	11 08 00	..	.. ..		" 3rd	AN c	10 12 24	..	.. ..			AE c	20 50 30	..	.. ..
	L	11 20 00	..	.. ..		" 13th	AE c	10 22 00	..	.. ..		" 23rd	F	20 57 18	..	.. ..
	M	11 23 30	28	.. ..		" 13th	F	5 12 06	..	.. ..	Slight tremors.	" 23rd	AE c	4 17 12	..	.. ..
	M	11 25 48	..	107 ..		" 13th	AN c	5 54 54	..	.. ..	Do.	" 23rd	F	4 27 12	..	.. ..	Tremors.
" 4th	AN P	9 30 54	..	.. ..		" 13th	F	5 14 00	..	.. ..		" 23rd	AN c	4 16 36	..	.. ..
	S	9 43 30	..	.. ..		" 13th	AE c	10 56 12	..	.. ..	Do.	" 23rd	F	4 34 42	..	.. ..	Do.
	eL	9 47 18	..	.. ..		" 13th	F	11 08 00	..	.. ..		" 23rd	AE c	15 26 24	..	.. ..	Do.
	F	10 57 24	..	.. ..	Do.	" 13th	AN c	10 55 24	..	.. ..		" 23rd	F	15 46 12	..	.. ..	Do.
" 6th	AE c	4 33 06	..	.. ..		" 27th	AN c	23 13 54	..	.. ..	Slight local shock.	" 23rd	AN e	15 26 42	..	.. ..	Do.
	F	4 39 06	..	.. ..		" 29th	F	23 15 00	..	.. ..			F	15 43 54	..	.. ..	Do.
	e	4 46 18	..	.. ..	Very slight shocks.	" 29th	AE c	20 27 00	..	.. ..		" 25th	AE P	19 34 36	..	.. ..
	F	4 48 42	..	.. ..			Pe	20 30 00	..	.. ..	Do.		S	19 38 24	..	.. ..
	e	4 52 24	..	.. ..			AN c	20 27 12	..	.. ..			eL	?	..	.. ..
	F	?	..	.. ..		Aug. 11th	AE cP	8 33 48	..	.. ..			Fe	?	..	.. ..
" 9th	AN P	14 02 06	..	.. ..		" 11th	eF	9 24 06	..	.. ..	Very Slight distant shock.	" 25th	AN P	19 34 54	..	.. ..
	S	14 08 30	..	.. ..			AN cP	8 34 00	..	.. ..			S	19 28 30	..	.. ..
	L	14 09 36	..	.. ..			eF	9 13 48	..	.. ..	Do.		eL	19 43 48	..	.. ..
	F	14 18 00	..	.. ..	Slight local shock.								Fe	20 00 48	..	.. ..
June 12th	AE Pe	5 45 12	..	.. ..											
	eL	5 51 36	32	.. ..												
	F	6 57 24	..	.. ..	Slight distant shock.												

Date.	Phase.	Time G. M. T.	Period. (Sec.)	AMPLI- TITUDE. (μ)	REMARKS.	Date.	Phase.	Time G. M. T.	Period. (Sec.)	AMPLI- TITUDE. (μ)	REMARKS.	Date.	Phase.	Time G. M. T.	Period. (Sec.)	AMPLI- TITUDE. (μ)	REMARKS.
				AN. AE.						AN. AE.						AN. AE.	
1922		h. m. s.				1922		h. m. s.				1922		h. m. s.			
Aug. 29th	AE P	17 16 18	..	.. ..		Oct. 14th	AE eP	23 58 18	..	.. ..		Nov. 23rd	AN P	14 13 06	..	.. ..
	L	17 29 00	..	.. ..		„ 15th	L	0 08 18	..	.. ..			L	?	..	.. ..
	Fe AE	17 50 12	..	.. ..			M	0 08 54	..	.. ..			F	14 16 24	..	.. ..
Sept. 1st	e	12 52 12	..	.. ..			Fe	1 05 24	..	.. ..		Dec. 2nd	AE P	3 53 48	..	.. ..
	F	13 02 30	..	.. ..		Oct. 15th	AN eP	0 00 12	..	.. ..			L	4 11 18	15	.. 36	
1st	AN e	12 52 18	..	.. ..			L	0 08 03	..	.. ..			F	?	..	.. ..
	F	13 03 36	..	.. ..			Fe AE	1 06 12	..	.. ..		„ 2nd	AN P	3 58 12	..	.. ..
„ 1st	AE P	10 23 36	..	.. ..		„ 16th	eP	16 04 30	..	.. ..			L	4 08 42	..	.. ..
	S	19 29 30	..	.. ..			L	16 08 24	..	.. ..			F	uncertain	..	.. ..
	L	19 40 24	28	.. ..			eF	16 45 48	..	.. ..		„ 6th	AE P	13 57 36	..	.. ..
	M	19 45 30	..	.. 1036		„ 16th	AN eP	16 04 42	..	.. ..			L	13 59 06	..	.. > 1900	
	F	21 11 36	..	.. ..			L	16 08 48	..	.. ..			F	14 11 36	..	.. ..
„ 8th	AE e	14 27 54	..	.. ..		„ 17th	eF AN e	16 44 18	..	.. ..		„ 6th	AN P	13 57 24	..	.. ..
	F	14 55 36	..	.. ..			F	7 22 06	..	.. ..			L	13 58 42	..	.. > 1900	
„ 8th	AN e	14 24 12	..	.. ..		„ 24th	AE P	21 30 30	..	.. ..		„ 7th	F	11 40 54	..	.. ..
	F	14 58 30	..	.. ..			S	21 40 42	..	.. ..			AN P	17 08 36	..	.. ..
„ 11th	AE e	15 01 12	..	.. ..			eL	21 53 36	..	.. ..			L	17 15 06	..	.. ..
	F	15 32 12	..	.. ..		„ 24th	Fe	22 53 24	..	.. ..		„ 8th	F	17 49 36	..	.. ..
„ 14th	AE P	19 38 54	..	.. ..			P	21 30 48	..	.. ..			AE e	2 21 18	..	.. ..
	L	19 52 36	28	.. ..		„ 24th	S	21 38 36	..	.. ..		„ 8th	F	2 45 48	..	.. ..	Tremors.
	M	19 53 48	..	.. 392			eL	21 55 54	..	129 ..		„ 8th	AE e	22 42 30	..	.. ..
	F	20 55 12	..	.. ..		„ 27th	Fe AN e	22 54 42	..	.. ..		„ 8th	F	23 51 48	..	.. ..
„ 14th	AN P	19 41 00	..	.. ..			F	15 07 30	..	.. ..	Tremors.	„ 9th	AN e	22 30 54	..	.. ..
	L	19 52 06	..	.. ..		Nov. 8th	AE eP	uncertain	..	.. ..		„ 17th	F	0 03 24	..	.. ..
	M	?	..	> 1750 ..	Amplitude greater than 1750 microns. How great can't be defined as the pen was swinging to the extreme stops.		eL	0 22 42	..	.. ..			AE P	0 35 24	..	.. ..
	F	20 48 00	..	.. ..		„ 8th	AN eP	0 15 48	..	.. ..		„ 17th	L	0 38 36	..	.. > 1850	Period uncertain because pendulum hitting both stops.
„ 16th	AE P	22 58 00	..	.. ..			F	uncertain	..	.. ..			eF	1 10 18	..	.. ..
	eF	23 48 24	..	.. ..		„ 11th	AN P	0 56 54	..	.. ..			AN P	0 35 18	..	.. ..	Do.
„ 17th	AN P	22 56 06	..	.. ..			F	0 50 42	..	.. ..		„ 18th	L	0 36 36	..	.. > 1850	
	L	23 06 36	..	304 ..			AE	4 52 42	..	.. ..			eF	uncertain	..	.. ..
	F	23 31 06	..	.. ..		„ 17th	P	5 07 18	..	.. ..		„ 18th	AE e	22 40 54	..	.. ..
„ 17th	AN e	7 43 06	..	.. ..	The times given here are not absolutely certain.		S	5 53 48	..	.. ..	Period cannot be positively determined because the vibrations were not free—pendulum was hitting against the stops. Chilean earthquake.		F	22 43 06	..	.. 179	Slight local shock.
	eF	7 57 48	..	.. ..			L	5 53 48	..	.. ..		„ 18th	AN e	22 40 54	..	.. ..	Do.
„ 17th	AN e	10 10 06	..	.. ..			eM	6 06 18	..	.. > 1950		„ 18th	F	22 43 06	..	.. 179	Do.
	eF	10 42 42	..	.. ..	Do.		Fe N	9 24 24	..	.. ..		„ 18th	AN e	22 22 12	..	.. ..	Do.
	AN	Very slight shock lasting for 8 minutes recorded just before 22 30 hrs. Accurate time cannot be given as time marking arrangement was out of gear.	..	.. ..		„ 11th	P	uncertain	..	.. ..		„ 18th	F	22 24 00	..	.. 57	Do.
„ 29th	AN e	18 48 12	..	.. ..			S	5 11 18	..	.. ..		„ 18th	AN e	22 27 36	..	.. ..	Do.
	F	19 05 06	..	.. ..		„ 17th	L	5 36 12	..	.. ..	Do.	„ 27th	F	22 28 24	..	.. ..	Do.
Oct. 11th	AN P	15 07 42	..	.. ..			Fe AN e	9 27 54	..	.. ..			AE P	Shock at about 13 hrs. 9 mins. 24 secs. Amplitude 140 microns. No time marking on drum.	..	.. ..
	eL	16 12 30	..	.. ..			F	11 36 12	25	22 ..		„ 31st	L	7 10 48	..	.. ..
	F	17 03 54	..	.. ..				13 09 18	..	.. ..			M	7 33 24	..	.. ..
													AN P	7 38 06	..	.. 160	
												„ 31st	eF	8 26 42	..	.. ..
													AN P	7 10 42	..	.. ..
													L	7 33 12	..	107 ..	
													eF	8 37 24	..	.. ..

V. V. SOHNI,
Meteorologist.

The following table contains a list of earthquakes that were reported:—

TABLE 39.

Place at which felt.	Date.	G. M. T. of earthquake.	Duration.	Intensity Rossi-Forel scale.	No. of shocks.	REMARKS.	Place at which felt.	Date.	G. M. T. of earthquake.	Duration.	Intensity Rossi-Forel scale.	No. of shocks.	REMARKS.	Place at which felt.	Date.	G. M. T. of earthquake.	Duration.	Intensity Rossi-Forel scale.	No. of shocks.	REMARKS.
		h. m.	Sec.						h. m.	Sec.						h. m.	Sec.			
Simla . . .	1922 Jan. 8	17 0	20	5	1		Salonah (Nowgong Dist., Assam.)	1922 Aug. 18	9 47	7/8	4	1		Rawalpindi .	1922 Dec. 6	13 55	37	—	1	
Do . . .	" 8	20 45	10	5	1		Gulmarg . . .	" 20	20 30	15	6	5		Drosh . . .	" 6	13 55	120	8	2†	
Srinagar . .	" 11	22 11	3	7	2		Srinagar . . .	" 20	20 46	4	8	1†		Srinagar . . .	" 6	13 57	135	8	3	
Salonah (Distt. Nowgong, Assam).	Feb. 4	22 11	4	3	1		Meshed (Persia)	" 23	4 9	13	3	1		Cherat . . .	" 6	13 58	120	—	3	
Chitrod (Cutch Political Agency).	" 9 morning	..	..	..	1		Do . . .	" 23	6 23	13	3	1		Gurez (Kashmir).	" 6	13 58	105	5	2	
Yatung (Tibet)	" 10	22 50	3	4	2		Mithi (Mithi Taluka, Sind)	" 27	16 30	10	0	1		Skardu (Kashmir).	" 6	13 59	60	5	2	
Chaman . . .	" 14	8 43	1	3	1		Gulmarg . . .	" 28	16 25	3	7	2		Lahore . . .	" 6	14 0	40	5	1	
Patdi (Jhalawad Prant, Kathiawar).	Mar. 13	0 0	..	..	1		Srinagar . . .	" 28	16 45	2	6	1		Jhelum . . .	" 6	14 2	59	7	1	
Rajkot . . .	" 13	0 0	..	..	1		Do . . .	" 29	17 12	2	5	1		Sialkot . . .	" 6	14 4	16	6	1	
Shillong . .	" 13	11 2	3/5	3	1		Do . . .	Sept. 1	19 20	3	5	1		Multan . . .	" 6	14 8	1	4	1	
Mandalay . .	April 28	21 3	4	7	2		Gulmarg . . .	" 7	1 10	3	7	2		Kashgar . . .	" 6	14 21	10	7	1	
Poo (Simla District.)	May 3	3 47	..	..	1		Srinagar . . .	" 9	22 42	3	6	2		Salonah (Distt. Nowgong, Assam).	" 7	20 30	4	3	2	
Shillong . .	" 24	22 48	3/5	5	1		Gulmarg . . .	" 9	22 45	7	7	4		Drosh . . .	" 8	21 15	5	5	2	
Gulmarg . .	June 2	23 32	4	6	2		Do . . .	" 10	3 21	3	7	2		Cherat . . .	" 17	0 50	30	5	2	
Nagrakata (Jalpaiguri Distt.)	" 26	23 45	5	3	1		Srinagar . . .	" 10	3 32	2	6	1		Rawalpindi .	" 17	0 50	40	6	15	
Kashgar . .	" 27	0 26	5	2	Se- veral slight tremors		Do . . .	" 16	22 48	3	5	1		D. I. Khan .	" 17	0 52	12	..	1	
Srinagar . .	July 3	10 8	2	5	2		Gulmarg . . .	" 19	6 45	2	6	2		Drosh . . .	" 17	0 54	105	8	2	
Gulmarg . .	" 5	10 15	3	7	2		Salonah (Distt. Nowgong, Assam).	Oct. 2	13 5	2	4	1		Gurez (Kashmir).	" 17	0 54	150	5	2	
Bushire (Persia)	" 7	16 45	6	6	1		Nagrakata (Distt. Jalpaiguri.)	" 13	20 15	3-4	3	3-4		Simla . . .	" 17	0 55	..	..	1	
Zanzibar . .	" 7	17 3	3	5	2		Srinagar . . .	" 14	11 17	2	5	1		Lahore . . .	" 17	0 56	60	5	1	
Salonah (Distt. Nowgong, Assam).	" 20	2 11	5	4	2		Do . . .	" 14	23 55	3	5	1		Sialkot . . .	" 17	1 0	20	6	2	
Srinagar . .	" 27	23 15	3	5	1		Do . . .	" 16	16 2	2	6	1		Srinagar . . .	" 17	1 2	5	8	2	
Drosh . . .	" 29	20 0	45	8	2*		Salonah (Distt. Nowgong, Assam.)	" 20	18 55	3	3	1		Meshed . . .	" 17	21 42	15	4	1	
Srinagar . .	" 29	23 8	2	5	1		Jodhpur . . .	Nov. 12	15 31	20	4	1		Borjull (Distt. Darrang, Assam).	" 21	5 43	15	8	2	
Gulmarg . .	" 21	23 15	3	6	2		Srinagar . . .	" 23	14 14	4	5	2		Shillong . .	" 21	5 44	4/5	4	1	
Drosh . . .	" 30	12 15	3	7	1		Drosh . . .	" 23	14 15	2	3	1		Mandalay . .	" 23	22 30	2	7	1	
							Kashgar . . .	" 24	14 56	10	6	3		Maymyo . .	" 24	0 45	2	4	1	
							Dras (Kashmir)	Dec. 6	13 46	5	5	1		Do . . .	" 24	1 2	6	6	2	
														Mandalay . .	" 24	1 3	7	7	1	
														Rawalpindi .	" 25	1 55	2	5	3	
														D. I. Khan .	" 28	13 25	2	..	1	

* Two native quarters fallen.

† 6 or 7 deaths occurred in the city.

‡ Walls without roof fell down, some of the buildings have been trembled down.

V. V. SOHONI,
Meteorologist.

**Table A.—Abstract of observations taken at 10 hrs. and 16 hrs. .
at 12 stations in India, etc., in 1922.**

Abstract of observations taken at 10 hrs. and 16 hrs.

STATION.	MONTH.	Height of bar-clim above sea-level in feet.	PRESSURE.					TEMPERATURE OF AIR.								TEMPERATURE WET BULB.				NOCTURNAL RADIATION TEMPERATURE.		
			Mean of 10 hrs.	Mean of 16 hrs.	Mean daily range.	Mean of daily mean pressures.	Departure from normal.	Mean maximum.	Mean minimum.	Highest maximum.	Lowest minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	Mean minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of three previous columns.	Mean.	Depression below mean minimum.	Departure from normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Calcutta (Bengal).	January	21	30.027	29.901	.126	29.954	—009	78.6	56.5	84.2	51.0	70.4	77.2	66.6	+1.4	54.4	60.9	62.0	59.1	48.3	7.8	+0.4
	February	..	29.954	29.820	.134	29.879	—023	87.0	59.9	96.0	50.8	77.2	86.1	72.6	+2.3	56.4	63.2	63.7	61.1	51.4	8.4	+1.5
	March	..	.834	.695	.139	.758	—043	96.1	70.4	101.4	56.4	85.6	94.6	82.3	+3.0	65.0	71.1	69.7	68.6	63.4	6.8	+0.8
	April	..	.755	.627	.128	.690	—006	97.5	77.1	103.3	69.0	89.3	94.4	80.6	+1.6	72.9	77.4	76.3	75.6	72.4	4.5	0
	May	..	.670	.549	.121	.612	+006	97.1	78.7	102.0	71.2	90.7	94.3	87.6	+1.9	75.9	80.3	80.5	78.9	74.6	4.0	+0.8
	June	..	.561	.417	.084	.465	—029	88.7	78.3	95.2	74.6	84.4	84.7	83.2	—1.3	76.7	80.2	80.1	79.0	76.0	2.3	+0.1
	July	..	.486	.304	.092	.446	—039	88.8	79.2	92.6	75.2	84.7	85.3	83.7	+0.7	78.1	80.9	81.0	80.0	76.6	2.6	+0.7
	August	..	.530	.430	.100	.482	—054	88.1	78.9	92.0	76.0	84.2	85.6	83.2	+0.8	77.6	80.3	80.6	79.5	75.1	3.6	+1.6
	September	..	.650	.537	.113	.595	—042	87.2	78.2	91.6	74.8	83.6	83.6	82.4	—0.2	77.3	79.7	79.4	78.8	74.2	3.9	+1.3
	October	..	.879	.771	.108	.821	+036	86.1	72.9	91.9	65.6	82.6	83.6	79.0	—1.0	71.4	74.5	74.2	73.3	66.4	6.4	+2.0
	November	..	.957	.838	.119	.894	—015	82.9	64.6	85.7	55.9	77.5	81.2	73.1	+0.7	62.8	67.2	67.8	65.9	57.3	7.1	+0.7
	December	..	30.020	.889	.131	.948	—025	77.1	57.3	82.7	52.0	70.7	75.8	66.2	+0.9	58.0	62.2	62.9	60.4	49.4	7.8	0
Lahore (Punjab).	Year	..	29.772	29.656	.116	29.712	—021	87.9	71.0	103.3	50.8	81.7	85.5	78.9	+0.9	68.7	73.2	73.2	71.7	65.4	5.4	+0.8
	January	702	29.356	29.279	.077	29.309	+018	65.3	44.4	69.9	37.4	54.8	64.2	53.0	0	42.5	50.1	54.5	49.0	35.2	7.5	—2.1
	February	..	29.283	29.192	.091	29.228	—018	73.3	48.7	81.8	39.0	63.3	72.7	59.9	+2.6	45.9	55.7	59.3	53.6	38.5	9.5	0
	March	..	.150	.062	.088	.100	—032	85.7	57.1	96.5	43.4	75.0	84.3	70.7	+1.7	51.6	60.6	63.9	58.7	47.1	9.9	+0.9
	April	..	.083	28.986	.097	.029	+029	95.9	67.8	106.5	60.7	87.0	94.4	81.4	+0.5	59.0	66.8	68.3	64.7	57.6	10.2	+0.9
	May	..	28.943	.861	.082	28.896	+026	104.3	72.0	112.3	59.3	95.9	103.1	87.9	—1.0	62.1	70.5	71.3	68.0	61.5	10.5	+1.4
	June	..	.761	.661	.100	.703	—035	103.7	80.9	113.9	71.7	93.1	102.5	91.9	—1.1	71.6	76.6	79.0	75.7	75.5	5.2	—1.1
	July	..	.737	.640	.097	.684	—049	102.3	83.3	110.8	75.3	93.5	100.6	91.9	+2.8	77.0	80.9	82.5	80.2	79.8	3.5	—0.6
	August	..	.781	.689	.092	.727	—072	99.4	82.6	105.0	73.9	92.0	98.8	90.1	+3.0	76.0	79.5	81.2	78.9	77.9	4.4	+0.2
	September	..	.967	.871	.096	.911	—026	92.1	76.0	103.6	69.3	85.4	90.2	83.0	—1.8	72.4	76.6	78.3	75.8	70.5	5.6	—1.0
	October	..	29.202	29.111	.091	29.146	+032	89.7	61.9	97.0	54.4	79.7	89.1	74.4	—1.3	58.4	66.8	70.1	65.1	52.0	9.9	0
	November	..	.003	.207	.096	.247	—004	81.1	49.1	89.8	44.0	68.9	80.0	63.1	—0.1	46.7	57.8	63.3	55.9	37.7	11.4	+0.6
	December	..	.349	.264	.085	.297	—023	68.4	46.2	78.8	37.3	57.2	66.9	55.1	+0.6	44.4	52.5	57.2	51.4	35.7	10.3	+0.2
	Year	..	29.076	28.985	.091	29.023	—013	88.4	64.2	113.9	37.3	78.8	87.2	75.2	+0.5	59.0	66.2	69.1	64.7	55.7	8.2	—0.1

A.

at 12 stations in India, etc., in 1922.

VAPOUR TENSION IN INCHES OF MERCURY.					HUMIDITY.					CLOUD.				WIND DIRECTION.														WIND VELOCITY.	
From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of two previous columns.	Departure from normal.	Total number of 10 hrs. and 16 hrs. winds from										Mean wind direction.	Normal mean wind direction.	Mean velocity in miles per diem.	Departure from normal.	
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50			
398	409	356	404	-027	86	55	39	62	-8	1.7	2.7	2.2	+0.7	6	16	5	1	1	2	4	7	20	N 34° W	N 30° W	61	+16			
415	398	293	395	-090	80	43	24	52	-14	0.2	0.7	0.5	-1.7	3	10	4	5	0	0	4	11	19	N 40° W	N 73° W	69	+11			
557	582	399	553	-090	73	46	24	53	-14	0.5	0.7	0.6	-1.6	2	5	3	2	3	11	20	11	5	S 53° W	S 60° W	92	+6			
756	780	667	766	-031	81	57	43	65	-5	3.4	3.8	3.6	+1.0	3	1	2	4	5	20	18	4	3	S 17° W	S 30° W	121	-2			
860	893	854	878	-005	88	62	53	71	-4	3.6	2.1	2.8	-1.5	0	0	0	3	6	33	19	1	0	S 8° W	S 9° W	130	+7			
895	973	965	955	-016	93	83	81	88	+5	8.7	9.9	9.3	+1.8	2	1	3	5	11	19	13	3	3	S 1° E	S 3° W	93	-11			
944	1001	999	982	+011	95	84	82	88	+1	8.9	9.2	9.1	+0.5	2	0	2	14	13	16	12	3	0	S 22° E	S 1° W	92	+4			
923	981	974	963	-004	94	84	80	87	-1	8.5	9.2	8.8	+0.1	2	0	2	9	10	11	15	6	7	S 11° W	S 2° E	84	+2			
924	962	948	951	-001	96	84	83	88	+2	8.8	8.4	8.6	+0.7	4	0	5	23	14	8	1	3	2	S 66° E	S 9° W	69	-2			
752	749	720	760	-056	92	67	63	77	-5	4.9	4.7	4.8	+0.2	4	9	4	4	6	5	3	4	23	N 34° W	N 18° W	45	-4			
554	529	503	544	-034	90	56	48	68	-6	2.9	2.2	2.6	+0.1	3	16	7	4	0	1	0	1	28	N 17° W	N 12° W	58	+14			
435	440	404	441	+003	92	59	45	68	-3	1.3	1.9	1.6	-0.2	7	10	2	2	1	0	0	6	34	N 37° W	N 13° W	57	+13			
701	725	673	716	-028	88	65	55	72	-5	4.5	4.6	4.5	-0.1	38	68	39	76	70	126	109	60	144	..	..	81	+5	
250	301	297	287	+018	85	70	50	71	+1	5.3	5.1	5.2	+1.5	21	4	6	3	0	0	0	3	25	N 27° W	N 30° W	25	-5			
277	346	329	325	+038	80	61	43	64	+2	2.7	3.8	3.3	-0.6	11	5	5	2	7	0	0	2	24	N 22° W	N 30° W	34	-5			
318	343	325	339	-021	67	40	27	47	-7	3.0	3.9	3.5	0	14	3	6	0	2	1	4	0	32	N 39° W	N 12° W	49	-2			
384	356	343	388	-007	57	31	22	39	-2	2.7	2.6	2.6	-0.3	18	3	13	0	5	0	1	5	20	N 17° W	N 15° W	53	-3			
425	406	344	404	-050	55	25	17	33	-3	1.3	1.8	1.6	-0.6	19	0	2	1	8	3	1	5	23	N 56° W	N 12° E	49	-7			
653	697	676	693	+066	63	47	34	49	+5	2.7	1.1	1.9	-1.0	17	0	9	1	8	4	8	5	8	S 45° W	N 18° E	55	-8			
845	885	865	883	+020	74	57	46	60	-5	3.2	2.8	3.0	-1.3	16	1	7	4	20	5	6	0	3	S 47° E	S 78° E	59	-1			
812	840	827	850	-034	73	57	46	60	-11	1.8	1.7	1.8	-2.2	12	0	2	1	11	8	7	7	14	S 51° W	S 78° E	40	-9			
755	804	810	801	+083	84	67	60	73	+12	4.7	4.1	4.4	+2.5	26	0	7	0	10	3	1	4	9	N 60° E	N 46° E	30	-7			
445	487	480	478	+033	80	48	35	58	+6	0.8	0.7	0.7	-0.1	36	5	2	1	4	3	0	1	10	N 21° W	N 9° W	22	-6			
290	334	363	325	+009	82	47	35	59	+2	0.1	0	0.1	-1.4	32	0	0	0	3	3	0	1	21	N 55° W	N 42° W	12	-11			
271	332	344	313	+042	86	70	53	72	+9	2.6	3.7	3.7	+0.3	35	0	2	1	4	0	0	1	19	N 38° W	N 36° W	19	-4			
477	511	500	507	+009	74	52	39	57	+1	2.6	2.6	2.6	-0.3	252	21	61	14	82	30	28	34	208	..	..	37	-6	

Abstract of observations taken at 10 hrs. and 16 hrs.

STATION.	MONTH.	Height of bar-cistern above sea-level in feet.	PRESSURE.					TEMPERATURE OF AIR.								TEMPERATURE WET BULB.				NOCTURNAL RADIATION TEMPERATURE.		
			Mean of 10 hrs.	Mean of 16 hrs.	Mean daily range.	Mean of daily mean pressures.	Departure from normal.	Mean maximum.	Mean minimum.	Highest maximum.	Lowest minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	Mean minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of three previous columns.	Mean.	Depression below mean minimum.	Departure from normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Srinagar (Kashmir).	January	5,204	24.078	24.004	-.074	24.032	-.027	41.7	32.7	47.8	29.0	35.7	43.7	37.9	+7.2	31.3	34.0	37.3	34.2	29.6	2.4	-5.3
	February		.951	.863	-.088	.903	-.002	51.8	34.4	63.2	29.1	42.2	49.4	40.7	+7.7	32.9	39.5	45.6	39.3	28.6	5.9	-2.1
	March		.914	.829	-.085	.866	-.006	58.0	39.8	68.7	30.6	49.3	55.9	47.7	+2.6	38.2	46.0	50.5	44.9	33.8	5.9	-3.0
	April		.929	.838	-.091	.878	+0.026	65.6	45.2	75.9	40.3	56.9	63.4	54.3	-1.4	43.8	51.9	55.6	50.5	39.4	5.6	-3.8
	May		.831	.750	-.081	.793	+0.011	75.4	50.2	85.7	41.8	66.6	73.5	62.2	-1.7	47.0	57.7	62.5	56.0	43.3	6.8	-3.5
	June		.636	.558	-.078	.599	-.065	86.3	58.4	95.6	51.6	77.0	83.9	71.3	+1.4	55.4	63.9	69.6	62.8	50.9	7.5	-2.7
	July		.602	.510	-.092	.552	-.046	89.7	65.3	95.5	57.0	79.8	87.5	75.7	+2.7	62.1	68.7	72.9	67.9	58.5	6.8	-3.2
	August		.605	.522	-.083	.560	-.076	89.7	65.2	96.1	55.9	80.2	87.4	74.9	+4.1	62.7	69.2	71.9	67.9	59.1	6.1	-3.5
	September		.776	.682	-.094	.728	-.043	80.6	58.1	92.9	45.9	71.7	77.0	66.8	+2.8	56.7	64.5	65.8	62.3	52.4	5.7	-5.4
	October		.977	.881	-.096	.927	+0.024	67.0	40.2	76.4	34.9	56.6	63.3	52.0	-1.2	39.4	50.8	54.4	48.2	33.4	6.7	-4.2
	November		25.007	.889	.118	.943	-.021	61.4	27.8	68.7	22.5	47.6	59.1	42.7	-1.3	27.0	40.9	47.4	38.4	19.2	8.6	-2.1
	December		24.979	.860	-.089	.927	-.062	49.1	29.1	60.0	21.7	39.1	47.1	37.2	+0.9	28.3	35.8	40.8	35.0	23.2	5.6	-4.2
	Year		24.849	24.760	-.089	24.801	-.024	68.0	45.5	96.1	21.7	58.6	65.9	55.3	+2.0	43.8	51.9	56.2	50.6	39.3	6.1	-3.6
Bombay (Bombay).	January	37	29.933	29.824	-.109	29.871	-.023	83.7	68.2	88.9	60.3	75.5	79.2	75.2	+0.7	62.9	67.3	70.6	66.9	58.6	9.5	+0.1
	February		.906	.792	-.114	.843	-.029	84.9	70.2	89.4	62.4	77.3	80.1	76.7	+1.9	64.1	68.0	71.0	67.7	59.6	10.4	+1.5
	March		.873	.756	-.117	.812	-.004	87.4	72.8	91.7	67.1	81.1	82.9	78.6	+0.5	67.2	71.3	73.0	70.5	64.3	8.5	+0.4
	April		.798	.687	-.111	.741	-.010	90.5	78.6	93.5	72.3	85.3	86.7	83.6	+1.5	74.6	77.8	78.3	76.9	68.9	9.7	+3.1
	May		.767	.666	-.101	.715	+0.002	92.1	81.3	94.0	78.3	87.6	88.3	85.6	+1.0	75.9	78.7	78.9	77.8	73.0	8.3	+3.8
	June		.639	.563	-.076	.602	-.010	87.8	80.0	92.1	76.4	83.9	84.7	82.7	+0.3	76.4	79.1	79.2	78.2	72.1	7.8	+4.7
	July		.637	.573	-.064	.604	-.007	83.8	77.3	86.6	75.2	80.8	81.1	79.0	-0.5	74.5	77.5	77.4	76.5	68.9	8.3	+5.7
	August		.693	.627	-.066	.658	-.010	83.7	77.0	85.3	75.2	80.1	80.6	79.2	-0.2	73.7	76.5	76.2	75.5	68.0	9.0	+6.1
	September		.755	.670	-.085	.710	-.020	84.1	76.4	87.2	74.1	80.1	81.7	79.1	-0.3	73.5	76.4	76.4	75.4	66.9	9.6	+6.1
	October		.863	.748	-.115	.803	+0.017	89.6	76.7	92.3	74.1	82.4	85.9	81.9	+1.2	72.2	76.4	77.6	75.4	63.5	13.2	+6.9
	November		.877	.765	-.112	.817	-.035	88.5	75.3	92.2	68.3	81.5	84.0	81.1	+1.8	68.8	73.0	74.7	72.2	61.0	14.2	+5.1
	December		.967	.855	-.112	.906	+0.014	84.3	69.6	89.2	62.9	75.8	80.5	76.2	-0.2	62.8	68.0	69.7	66.8	54.8	15.3	+5.4
	Year		29.809	29.711	-.099	29.757	-.009	86.7	75.3	94.0	60.3	80.9	83.0	79.9	+0.6	70.5	74.2	75.3	73.3	64.9	10.3	+4.1

A—contd.

at 12 stations in India, etc., in 1922.

VAPOUR TENSION IN INCHES OF MERCURY.					HUMIDITY.					CLOUD.				WIND DIRECTION.														WIND VELOCITY.	
From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	Mean 10 hrs.	Mean 16 hrs.	Mean of two previous columns.	Departure from normal.	Total number of 10 hrs. and 16 hrs. winds from								Mean wind direction.	Normal mean wind direction.	Mean velocity in miles per diem.	Departure from normal.				
24	25	26	27	28	29	30	31	32	33	34	35	36	37	calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	47	48	49	50			
-162	-178	-185	-179	+021	56	85	73	80	-4	9.3	8.5	8.9	+1.7	22	5	1	0	14	3	3	0	14	N 73° W	S 21° E	34	-20			
-169	-213	-271	-214	+040	85	79	75	80	-3	7.0	5.3	6.2	-0.4	12	2	0	7	7	2	0	5	21	N 38° W	S 9° W	65	+4			
-218	-277	-316	-257	+002	88	78	69	79	-2	6.3	6.7	6.5	+0.8	18	8	1	1	4	2	0	4	24	N 39° W	N 24° W	39	-45			
-292	-335	-363	-302	-028	90	72	62	75	-3	4.8	6.	5.4	+0.4	22	2	3	0	9	4	5	5	10	S 70° W	N 18° W	45	-39			
-309	-379	-440	-347	-095	84	58	56	66	-12	3.1	5.1	4.1	+0.1	22	9	6	0	4	3	1	1	16	N 18° W	N 30° E	50	-25			
-408	-448	-548	-420	-115	83	48	47	59	-20	1.8	4.2	3.0	-0.6	34	4	1	0	7	0	1	2	11	N 37° W	N 9° E	44	-22			
-527	-577	-619	-520	-119	84	57	48	63	-18	2.4	3.5	3.0	-1.0	28	5	3	0	4	2	1	4	15	N 40° W	N 48° W	45	-24			
-543	-588	-602	-530	-083	87	57	47	64	-16	2.2	3.1	2.6	-1.2	29	6	11	1	2	1	0	1	11	N 4° E	N 48° W	40	-23			
-455	-534	-521	-473	-025	92	70	57	73	-7	3.0	3.5	3.2	-0.1	28	3	3	1	4	4	2	1	14	N 44° W	N 33° W	39	-19			
-237	-307	-321	-245	-057	94	67	56	72	-7	2.8	3.2	3.0	+0.3	34	6	0	0	5	4	0	2	11	N 45° W	N 23° W	31	-22			
-140	-183	-195	-157	-076	90	55	39	61	-18	1.3	1.3	1.3	-1.7	39	4	4	0	6	1	0	1	5	N 25° E	N 1° E	35	-10			
-150	-174	-186	-103	-013	92	73	59	75	-6	5.6	5.3	5.5	+0.4	34	4	2	0	6	3	1	2	10	N 42° W	S 36° E	34	-11			
-301	-349	-381	-317	-046	85	67	57	71	-10	4.1	4.7	4.4	-0.1	322	58	35	10	72	29	14	28	162			42	-21			
-504	-563	-639	-587	-004	72	63	63	70	-2	1.0	1.2	1.1	0	0	11	9	16	1	0	0	3	22	N 8° E	N 6° E	153	-21			
-518	-562	-634	-594	-025	70	60	62	68	-3	0.6	0.4	0.5	-0.7	0	9	7	8	1	0	0	4	27	N 16° W	N 1° W	162	-21			
-593	-637	-689	-664	-073	73	60	60	68	-7	0.7	0.5	0.6	-0.7	0	8	4	7	2	1	0	6	34	N 30° W	N 36° W	156	-35			
-800	-854	-853	-861	+020	82	70	67	76	-1	2.8	2.0	2.4	+0.8	0	3	6	0	1	5	7	20	24	N 77° W	N 60° W	143	-42			
-820	-862	-864	-862	-027	77	66	65	72	-4	3.0	1.8	2.4	-0.2	0	2	0	1	0	3	10	22	24	N 79° W	N 83° W	173	-4			
-859	-926	-923	-919	-019	84	81	78	83	0	6.9	7.0	6.9	-0.2	0	0	0	0	0	15	14	28	3	S 60° W	S 63° W	215	-51			
-813	-900	-891	-883	-038	87	86	84	87	0	8.7	8.9	8.8	+0.1	0	6	0	0	0	2	19	41	0	S 74° W	S 75° W	250	-90			
-783	-861	-845	-888	-047	85	84	81	84	-3	8.8	9.1	9.0	+0.6	0	0	0	0	0	1	12	49	0	S 81° W	S 81° W	222	-48			
-784	-859	-835	-833	-039	86	84	77	83	-3	7.3	6.5	6.9	0	0	2	0	3	4	1	11	29	10	S 87° W	N 84° W	168	-21			
-728	-829	-834	-810	-042	79	75	68	76	-5	2.4	1.8	2.1	-1.0	0	2	6	19	4	0	0	6	25	N 6° E	N 9° E	127	-32			
-620	-702	-738	-712	-004	70	65	63	70	-3	2.1	2.9	2.5	+0.8	0	4	6	20	5	0	0	3	22	N 24° W	N 18° E	75	-98			
-482	-583	-584	-575	-064	66	65	56	65	-7	0.9	0.7	0.8	-1.1	0	5	9	19	3	1	1	4	20	N 22° E	N 15° E	81	-89			
-692	-761	-777	-761	-031	78	72	69	75	-3	3.8	3.6	3.7	-0.1	0	46	41	93	21	29	74	215	211			160	-46			

TABLE

Abstract of observations taken at 10 hrs. and 16 hrs.

STATION.	MONTH.	Height of bar-cistern above sea-level in feet.	PRESSURE.					TEMPERATURE OF AIR.								TEMPERATURE WET BULB.			
			Mean of 10 hrs.	Mean of 16 hrs.	Mean daily range.	Mean of daily mean pressures.	Departure from normal.	Mean maximum.	Mean minimum.	Highest maximum.	Lowest minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	Mean minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of three previous columns.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Jaipur (Rajputana).	January	1,431	28.616	28.515	.101	28.556	+0.018	72.2	47.0	70.6	36.2	64.0	70.4	58.2	-1.7	43.6	52.1	54.6	50.1
	February	..	.559	.446	.113	.401	-.001	82.4	55.0	91.5	39.7	72.7	81.4	67.6	+3.4	47.7	56.3	59.6	54.5
	March	..	.468	.358	.110	.405	-.002	92.3	59.0	100.5	44.2	83.1	90.9	75.2	+0.3	48.9	59.6	61.5	56.7
	April	..	.387	.277	.110	.326	+0.025	100.7	70.5	106.3	60.9	92.6	98.2	85.5	-0.8	56.9	64.3	64.9	62.0
	May	..	.290	.188	.102	.234	+0.036	106.1	76.4	113.5	67.1	97.5	103.4	90.4	-1.2	60.6	67.9	68.0	65.5
	June	..	.124	.025	.099	.073	-.014	102.2	79.4	109.5	71.5	92.5	98.0	89.6	-1.0	71.4	75.6	74.7	73.9
	July	..	.101	.002	.099	.050	-.019	94.6	78.7	102.5	73.2	87.3	92.2	85.5	+0.8	75.3	77.2	77.9	76.8
	August	..	.161	.073	.088	.117	-.016	90.4	75.0	98.0	72.2	83.3	88.7	81.1	-1.2	72.8	74.9	76.7	74.8
	September (a)	..	.292	.193	.099	.259	-.019	90.6	73.4	94.5	68.0	84.7	87.2	80.5	-1.9	71.7	74.8	74.9	73.8
	October	..	.505	.405	.100	.449	+0.036	93.5	63.1	96.5	56.2	85.9	91.6	77.0	-0.9	56.4	64.8	65.3	62.2
	November	..	.585	.481	.104	.524	+0.008	84.2	54.5	93.3	46.6	76.6	82.1	67.7	-1.2	48.4	58.1	59.6	55.4
	December	..	.616	.513	.103	.554	-.010	75.1	47.6	85.5	38.2	66.5	71.0	59.4	-2.1	44.5	54.1	56.2	51.6
	Year	..	28.392	28.290	.102	28.335	+0.004	90.4	65.0	113.5	36.2	82.2	88.0	76.5	-0.6	58.7	65.0	66.2	63.1
Bangalore (Mysore).	January	3,021	26.972	26.858	.114	26.913	-.005	82.2	59.1	87.3	53.3	73.1	79.9	69.6	+2.1	57.6	62.7	62.9	61.1
	February	..	.961	.833	.128	.894	-.007	86.4	59.2	90.5	54.8	77.3	84.1	72.1	+0.1	55.5	60.8	62.0	59.4
	March	..	.935	.804	.131	.869	+0.005	93.3	65.5	96.5	57.0	83.0	91.7	78.4	+1.7	57.2	64.9	63.6	61.9
	April	..	.881	.757	.124	.825	+0.015	94.8	69.3	97.8	64.3	83.7	91.0	80.8	+0.9	64.1	69.5	68.9	67.5
	May	..	.838	.726	.112	.789	+0.014	90.9	68.8	96.8	64.4	79.9	85.4	78.2	-0.3	66.1	70.8	70.5	69.1
	June	..	.790	.699	.091	.752	-.003	85.5	66.7	91.3	64.8	77.4	82.4	74.3	+0.3	65.3	69.1	69.7	68.0
	July	..	.797	.718	.079	.765	+0.005	81.7	65.7	88.5	63.1	74.5	77.5	71.8	-0.2	64.4	67.8	68.8	67.0
	August	..	.810	.711	.099	.770	-.006	82.4	65.7	85.1	63.6	74.5	78.5	72.2	+0.4	64.6	68.4	69.5	67.5
	September	..	.841	.731	.110	.794	-.012	83.5	65.4	88.3	63.1	75.8	81.2	72.7	+0.9	64.5	68.6	69.4	67.5
	October	..	.913	.795	.118	.855	+0.016	81.5	64.9	89.3	59.4	75.9	77.8	71.7	-0.1	63.2	68.1	68.6	66.6
	November	..	.909	.807	.102	.857	-.022	78.8	63.6	83.5	51.9	72.7	75.0	70.2	+0.6	62.7	66.5	67.6	65.6
	December	..	.980	.868	.112	.925	+0.011	79.3	55.9	82.5	52.1	72.1	77.0	66.7	-0.8	54.9	61.6	61.8	59.4
	Year	..	26.886	26.776	.010	26.834	+0.001	85.0	64.1	89.8	59.3	76.7	81.9	73.2	+0.4	61.7	66.6	66.9	65.1

(a) Mean of 29 days.

A—contd.

at 12 stations in India, etc., in 1922.

VAPOUR TENSION IN INCHES OF MERCURY.					HUMIDITY.					CLOUD.				WIND DIRECTION.														WIND VELOCITY	
From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	Mean 10 hrs.	Mean 16 hrs.	Mean of two previous columns.	Departure from normal.	Total number of 10 hrs. and 16 hrs. winds from									Mean wind direction.	Normal mean wind direction.	Mean velocity in miles per diem.	Departure from normal.			
21	22	23	24	25	26	27	28	29	30	31	32	33	34	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	44	45	46	47			
-244	-247	-234	-248	-020	75	41	32	53	-3	3.2	3.7	3.5	+0.2	10	6	11	7	2	0	4	9	13	N 15° W	N	71	+13			
-245	-255	-245	-255	-007	58	32	22	41	-6	1.7	1.9	1.8	-1.3	5	7	9	8	4	0	8	6	9	N 4° W	N 20° W	79	+13			
-232	-227	-190	-220	-085	44	19	13	28	-11	2.1	3.0	2.6	-0.5	3	3	2	0	0	4	17	19	14	S 88° W	N 46° W	67	-12			
-301	-250	-200	-263	-070	40	17	12	23	-5	1.6	3.3	2.5	0	3	4	5	2	3	5	14	14	10	S 84° W	N 57° W	88	0			
-340	-320	-246	-309	-139	37	18	13	24	-11	0.5	2.7	1.6	-0.7	3	3	6	1	1	4	21	17	6	S 75° W	N 72° W	80	-21			
-675	-672	-571	-646	-010	68	45	35	51	-1	2.4	5.2	3.8	-0.6	1	2	2	1	1	3	27	18	5	S 67° W	N 70° W	112	-7			
-836	-807	-770	-813	-021	86	63	52	69	-7	7.0	7.5	7.2	-0.2	2	3	7	2	2	2	21	13	10	S 83° W	N 78° W	87	-8			
-784	-756	-770	-783	-033	90	67	57	73	-5	7.3	7.4	7.3	-0.3	1	1	5	1	0	4	27	20	3	S 66° W	N 69° W	91	+9			
-760	-744	-715	-758	+066	91	63	57	75	+6	5.6	6.8	6.2	+1.7	8	7	11	2	2	0	6	12	10	N 37° W	N 42° W	64	-10			
-377	-352	-297	-347	-055	65	28	20	42	-4	0.3	2.8	1.5	-0.2	7	1	3	2	2	3	9	19	16	N 83° W	N 27° W	59	+5			
-269	-257	-234	-254	-043	63	28	21	42	-5	0.7	1.6	1.2	-0.3	6	5	11	4	4	3	11	8	8	N 53° W	N 24° W	52	+5			
-266	-266	-243	-258	-009	79	43	31	56	+3	1.3	2.2	1.7	-0.8	7	2	4	2	2	9	10	10	16	S 87° W	N 27° W	53	+2			
-444	-420	-393	-429	-036	66	39	30	48	-5	2.8	4.0	3.4	-0.3	56	44	76	32	23	37	175	165	120	..	..	76	-1	
-461	-452	-382	-436	+028	92	56	39	64	+2	3.7	3.1	3.4	..	1	2	17	33	7	1	0	1	0	N 80° E	N 88° E	149	+56			
-400	-343	-302	-353	-054	79	38	27	50	-4	1.8	2.4	2.1	..	1	0	16	24	12	2	1	0	0	N 89° E	S 69° E	151	+63			
-373	-406	-263	-356	-091	60	37	18	40	-10	0.4	0.8	0.6	..	2	3	17	16	6	6	6	5	1	N 87° E	S 36° E	123	+37			
-539	-561	-441	-534	-021	75	49	30	53	-2	2.9	4.6	3.8	..	4	0	2	15	12	6	7	10	4	S 25° E	S 27° W	127	+43			
-599	-644	-571	-619	+014	87	65	50	69	+6	6.2	6.7	6.5	..	2	2	3	3	3	3	7	30	6	N 89° W	S 81° W	145	+35			
-602	-611	-576	-603	-020	92	66	53	72	-2	8.0	8.0	8.0	..	0	0	0	0	0	0	12	45	3	S 83° W	S 72° W	228	+65			
-588	-600	-604	-597	-010	93	71	65	77	0	9.3	9.2	9.2	..	0	0	0	0	0	0	11	49	2	S 84° W	S 72° W	260	+92			
-593	-622	-616	-614	+001	94	73	64	79	0	9.2	8.6	8.9	..	0	1	0	0	0	0	6	49	6	N 89° W	S 81° W	203	+58			
-592	-615	-582	-608	-015	95	69	56	76	-4	7.9	7.2	7.5	..	1	0	0	0	0	0	7	45	7	W	S 84° W	172	+49			
-560	-599	-595	-599	-009	91	67	63	77	-1	7.3	8.4	7.8	..	4	3	21	18	1	2	2	4	7	N 51° E	N	115	+33			
-560	-581	-590	-590	+051	95	73	69	82	+7	7.2	7.0	7.1	..	1	9	12	26	1	5	0	3	3	N 65° E	N 60° E	117	+29			
-425	-425	-378	-423	-043	94	54	42	65	-5	2.0	2.2	2.1	..	5	6	24	20	5	0	1	1	0	N 64° E	N 72° E	103	+7			
-524	-538	-492	-528	-014	87	60	48	67	-1	5.5	5.7	5.6	..	21	26	112	155	47	25	60	242	42	..	..	158	+47	

TABLE

Abstract of observations taken at 10 hrs. and 16 hrs.

STATION.	MONTH.	Height of barometer above sea-level in feet.	PRESSURE.					TEMPERATURE OF AIR.								TEMPERATURE WET BULB.			
			Mean of 10 hrs.	Mean of 16 hrs.	Mean daily range.	Mean of daily mean pressures.	Departure from normal.	Mean maximum.	Mean minimum.	Highest maximum.	Lowest minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	Mean minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of three previous columns.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Trivandrum (Madras).	January .	198	29.717	29.606	.111	29.664	+0.01	83.7	72.6	86.4	69.8	80.0	83.0	77.3	+0.2	69.5	73.1	75.3	72.6
	February .	..	.709	.591	.118	.652	+0.03	84.8	73.9	86.9	71.1	80.6	84.1	78.5	-0.1	70.7	73.3	75.7	73.2
	March .	..	.705	.581	.124	.647	+0.020	88.1	77.3	89.9	74.1	84.6	86.8	81.1	+0.8	73.6	75.3	77.6	75.5
	April .	..	.651	.545	.106	.602	+0.022	87.0	78.3	90.0	75.0	83.6	85.1	81.6	-0.3	75.6	77.5	78.4	77.2
	May .	..	.641	.548	.093	.600	+0.029	84.5	77.5	89.1	73.9	82.0	83.6	79.9	-1.4	75.2	77.2	78.0	76.8
	June .	..	.619	.535	.084	.582	+0.004	82.1	75.5	85.0	72.1	79.3	81.1	77.5	-0.9	73.7	76.3	76.8	75.6
	July .	..	.656	.575	.081	.622	+0.031	80.0	73.7	84.0	71.1	77.7	78.6	75.4	-1.8	72.4	74.8	75.0	74.1
	August .	..	.638	.547	.091	.600	+0.001	82.5	74.1	85.0	72.0	79.5	80.9	77.2	-0.6	72.4	75.0	75.2	74.2
	September .	..	.665	.568	.097	.623	+0.007	82.2	74.1	83.9	72.1	79.8	80.4	77.0	-1.0	72.4	74.9	74.9	74.1
	October .	..	.682	.576	.106	.634	+0.013	82.5	74.9	85.1	73.3	80.1	80.5	77.4	-0.3	73.3	75.8	76.2	75.1
	November .	..	.677	.576	.101	.632	-0.008	80.6	73.9	83.7	70.7	78.4	79.6	76.5	-1.2	72.2	74.9	75.5	74.2
	December .	..	.737	.623	.114	.684	+0.031	82.3	71.2	84.1	68.5	78.8	81.7	76.0	-1.4	68.1	72.4	74.1	71.5
	Year .	..	29.675	29.573	.102	29.629	+0.013	83.4	74.7	90.0	68.5	80.4	82.1	77.9	-0.7	72.4	75.0	76.1	74.5
Pudukottai (Madras).	January .	318	29.647	29.519	.128	29.583	..	86.6	68.9	90.0	65.2	77.8	83.6	77.7	..	..	70.5	70.3	..
	February .	..	.631	.493	.138	.562	..	89.4	68.9	94.6	60.9	80.0	86.3	79.1	..	..	70.1	70.0	..
	March .	..	.595	.434	.161	.514	..	98.1	73.1	102.0	67.1	86.1	96.2	85.6	..	..	73.7	72.5	..
	April .	..	.522	.369	.153	.446	..	99.1	77.9	104.3	73.0	88.8	95.6	88.5	..	..	76.5	76.3	..
	May .	..	.462	.330	.132	.396	..	99.7	78.3	106.1	72.3	90.5	94.5	89.0	..	..	76.0	76.5	..
	June .	..	.413	.299	.114	.356	..	99.3	78.3	104.8	75.1	90.3	95.6	88.8	..	72.8	74.0	75.4	74.1
	July .	..	.442	.325	.117	.384	..	97.4	78.4	100.4	74.1	87.9	93.2	87.9	..	71.5	73.3	74.4	73.1
	August .	..	.439	.307	.132	.373	..	97.4	75.1	102.1	71.1	88.7	93.0	86.3	..	..	73.4	74.4	..
	September .	..	.472	.328	.144	.400	..	95.1	74.7	100.0	71.2	87.0	92.0	84.9	..	..	74.1	75.6	..
	October .	..	.546	.421	.125	.484	..	89.1	74.5	95.2	72.0	82.6	84.8	81.8	..	..	75.0	75.1	..
	November .	..	.559	.438	.121	.498	..	86.3	72.8	93.0	65.0	78.1	82.5	79.6	..	..	73.7	74.7	..
	December .	..	.654	.530	.124	.592	..	84.5	67.1	87.2	62.1	74.3	81.5	75.8	..	..	68.6	74.1	..
	Year .	..	29.532	29.399	.132	29.466	..	96.5	74.0	106.1	60.9	84.3	89.8	83.7	..	..	73.2	74.1	..

A—contd.

at 12 stations in India, etc., in 1922.

VAPOUR TENSION IN INCHES OF MERCURY.					HUMIDITY.					CLOUD.				WIND DIRECTION.										WIND VELOCITY.			
From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of two previous columns.	Departure from normal.	Total number of 10 hrs. and 16 hrs. winds from								Mean wind direction.	Normal mean wind direction.	Mean velocity in miles per diem.	Departure from normal.	
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	44	45	46	47
·080	·724	·769	·724	+·058	85	71	69	79	+5	4·2	4·5	4·4	+1·4	9	5	2	2	1	4	13	18	5	S 78° W	S 84° W	64	—6	
·708	·717	·772	·732	+·047	85	69	67	77	+1	5·1	5·8	5·4	+2·3	11	2	1	0	0	5	13	8	11	S 76° W	S 81° W	60	—21	
·779	·750	·817	·782	+·037	83	63	64	70	—6	4·3	4·3	4·4	+1·4	2	1	0	1	2	6	10	22	18	S 89° W	N 87° W	91	—5	
·847	·859	·879	·862	+·034	87	75	74	82	+3	7·9	8·1	8·0	+3·2	6	3	1	0	2	5	11	20	12	S 87° W	N 69° W	77	—26	
·845	·871	·880	·865	+·022	90	80	77	85	+2	8·1	8·4	8·3	+2·2	2	1	0	0	0	4	2	27	26	N 73° W	N 63° W	99	—25	
·805	·867	·863	·845	+·035	91	87	82	90	+1	8·6	8·2	8·4	+0·5	0	0	0	0	0	0	0	21	39	N 60° W	N 60° W	119	—4	
·775	·823	·819	·806	+·011	93	87	84	91	+4	9·1	9·2	9·1	+0·0	0	0	0	0	0	0	0	25	37	N 63° W	N 60° W	145	—13	
·771	·807	·797	·792	+·007	92	80	76	86	0	8·5	7·9	8·2	+1·3	0	0	0	0	0	0	0	29	33	N 66° W	N 60° W	160	+1	
·773	·799	·787	·786	+·005	92	79	76	85	+1	8·5	8·0	8·3	+1·8	0	2	0	0	0	0	0	20	38	N 58° W	N 63° W	141	—1	
·795	·832	·841	·823	+·037	92	81	82	83	+3	8·2	9·5	8·9	+2·0	11	2	0	1	3	1	9	21	14	N 86° W	N 69° W	64	—24	
·771	·819	·826	·805	+·024	92	85	82	89	+5	8·1	8·1	8·1	+2·4	6	3	1	2	1	2	7	29	18	N 77° W	N 81° W	63	+2	
·645	·707	·738	·697	—0·11	84	72	69	79	+1	3·3	3·5	3·4	—0·0	10	4	3	0	1	2	22	15	5	N 68° W	N 81° W	61	—4	
·766	·798	·816	·793	+·023	89	77	75	83	+2	7·0	7·1	7·1	+1·6	17	23	8	6	10	29	95	246	256	..	..	95	—11
..	·647	·562	..	..	..	68	49	..	..	2·8	2·9	2·9	..	2	16	31	11	1	0	0	0	1	N 41° E	..	105	..
..	·602	·517	..	..	..	60	43	..	..	2·7	3·4	3·1	..	9	4	26	11	1	2	2	0	1	N 56° E	..	99	..
..	·660	·496	..	..	..	53	30	..	..	2·6	1·2	1·9	..	11	1	6	6	8	18	11	0	1	S 16° E	..	73	..
..	·743	·644	..	..	..	56	40	..	..	3·7	2·2	3·0	..	12	0	3	2	12	18	10	1	2	S 6° E	..	87	..
..	·695	·667	..	..	..	49	43	..	..	3·1	3·4	3·2	..	7	5	0	1	2	4	15	12	16	N 89° W	..	107	..
·728	·620	·605	·651	..	76	44	37	52	..	2·9	5·0	3·9	..	6	3	0	1	0	3	17	18	12	S 85° W	..	107	..	
·673	·620	·592	·628	..	70	47	39	52	..	4·9	6·0	5·9	..	4	3	0	0	2	4	12	22	15	S 89° W	..	146	..	
..	·614	·598	..	..	..	46	40	..	..	2·6	4·1	3·3	..	3	7	0	0	4	6	7	12	23	N 73° W	..	131	..
..	·663	·661	..	..	..	52	45	..	..	2·2	3·2	2·7	..	7	2	0	0	1	5	13	15	17	S 89° W	..	92	..
..	·762	·738	..	..	..	69	63	..	..	4·6	5·1	4·9	..	15	8	15	3	3	1	5	3	9	N 8° E	..	67	..
..	·774	·757	..	..	..	81	69	..	..	3·1	4·5	3·8	..	15	24	9	1	1	1	2	2	5	N 2° E	..	67	..
..	·622	·749	..	..	..	74	70	..	..	2·0	2·8	2·4	..	10	20	27	2	0	0	1	0	2	N 25° E	..	99	..
..	·669	·632	..	..	..	58	47	..	..	3·1	3·7	3·4	..	101	93	117	33	35	62	95	85	104	..	..	98	..

Abstract of observations taken at 10 hrs. and 16 hrs.

STATION.	MONTH.	Height of bar-ometer above sea-level in feet.	PRESSURE.					TEMPERATURE OF AIR.								TEMPERATURE WET BULB.			
			Mean of 10 hrs.	Mean of 16 hrs.	Mean daily range.	Mean of daily mean pressure.	Departure from normal.	Mean maximum.	Mean minimum.	Highest maximum.	Lowest minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	Mean minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of three previous columns.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Madras (Madras).	January	22	29.967	29.858	.109	29.910	—0.16	83.5	68.4	87.3	63.7	79.3	80.6	75.1	—0.2	67.2	72.6	72.4	70.8
	February	..	.946	.824	.122	.883	—0.13	86.8	67.3	94.1	61.2	81.9	83.3	76.4	—0.2	65.6	72.3	71.2	69.7
	March	..	.880	.750	.130	.815	—0.20	91.4	71.9	97.4	65.7	86.7	86.7	80.1	+0.6	70.4	75.6	75.9	74.0
	April	..	.799	.680	.119	.746	—0.09	93.8	78.2	106.2	72.5	90.5	88.7	85.0	+0.9	75.6	78.7	79.1	77.8
	May	..	.712	.595	.117	.662	—0.01	99.0	80.8	108.0	74.3	93.5	90.1	88.8	+0.1	75.3	78.5	79.7	77.8
	June	..	.660	.537	.123	.608	—0.21	100.9	80.9	106.7	74.5	91.5	93.5	89.7	+1.3	73.4	77.4	78.8	76.6
	July	..	.683	.566	.117	.636	—0.12	97.0	79.0	104.1	74.4	88.3	91.5	86.5	+0.8	72.8	76.2	77.4	75.5
	August	..	.690	.560	.121	.639	—0.37	96.2	78.0	100.8	73.1	88.1	90.7	86.0	+1.5	73.7	76.6	77.8	76.0
	September	..	.720	.601	.119	.670	—0.37	95.4	77.9	98.9	74.0	89.4	89.3	85.5	+1.6	73.9	77.0	78.5	76.5
	October	..	.851	.739	.112	.800	+0.25	87.2	74.8	96.8	69.2	83.5	83.3	79.7	—1.1	73.3	77.2	76.8	75.8
	November	..	.863	.758	.105	.813	—0.43	83.4	73.6	87.8	65.0	80.7	80.8	77.7	—0.2	72.5	76.0	75.6	74.7
	December	..	.971	.858	.113	.914	+0.04	82.8	66.8	84.3	61.7	79.5	80.0	74.0	—1.7	65.9	71.4	70.3	69.2
	Year	..	29.812	29.695	.117	29.758	—0.15	91.5	74.8	103.0	61.2	86.1	86.5	82.0	+0.2	71.6	75.8	76.1	74.5
Kodalkanal (Madras).	January	7,688	22.794	22.734	.060	22.764	..	65.9	46.8	71.4	42.3	61.4	60.0	54.7	..	39.8	50.4	52.5	46.6
	February	..	.787	.728	.059	.757	..	64.8	46.7	71.1	41.7	59.7	59.3	54.4	..	41.5	49.9	52.9	47.7
	March	..	.814	.759	.055	.787	..	71.9	49.8	75.4	45.4	67.1	65.0	59.2	..	41.6	56.3	53.8	48.1
	April	..	.789	.732	.057	.761	..	71.3	53.8	76.0	48.2	67.7	64.5	60.7	..	46.4	55.1	56.8	52.9
	May	..	.703	.699	.064	.731	..	68.9	53.9	75.2	50.2	65.1	61.6	59.5	..	50.2	57.5	58.0	54.8
	June	..	.712	.662	.050	.687	..	65.7	52.8	71.0	50.4	62.8	60.5	57.8	..	49.7	57.0	56.7	54.0
	July	..	.708	.659	.049	.683	..	63.2	52.0	68.4	48.4	59.4	57.6	56.0	..	49.7	55.4	55.1	53.2
	August	..	.716	.660	.056	.688	..	64.3	51.9	67.1	49.3	61.0	59.0	56.5	..	49.5	56.2	56.1	53.4
	September	..	.739	.678	.066	.706	..	64.0	51.9	67.3	48.7	60.8	58.0	56.3	..	49.9	56.9	56.3	53.9
	October	..	.777	.704	.073	.741	..	63.6	50.8	68.9	47.1	60.4	57.5	55.7	..	49.4	56.9	55.8	53.7
	November	..	.764	.696	.068	.730	..	61.9	50.2	67.9	43.7	59.4	57.0	53.1	..	48.3	55.3	55.2	52.7
	December	..	.789	.724	.065	.757	..	66.8	45.2	73.3	36.8	62.6	59.6	54.2	..	37.2	48.7	51.2	45.0
	Year	..	22.763	22.703	.060	22.733	..	66.0	50.4	73.0	36.8	62.2	60.0	56.7	..	46.1	54.6	55.0	51.8

A—contd.

at 12 stations in India, etc., in 1922.

VAPOUR TENSION IN INCHES OF MERCURY.					HUMIDITY.					CLOUD.				WIND DIRECTION.										WIND VELOCITY.		
From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	From minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of two previous columns.	Departure from normal.	Total number of 10 hrs. and 16 hrs. winds from								Mean wind direction.	Normal mean wind direction.	Mean velocity in miles per hour.	Departure from normal.
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47
-654	-712	-686	-702	+017	94	71	66	80	+1	5.2	3.9	4.6	+0.5	0	9	40	13	0	0	0	0	0	N 48° E	N 51° E	80	-20
-605	-662	-604	-646	-069	89	61	54	71	-7	2.9	2.5	2.7	-0.5	0	8	19	10	14	5	0	0	0	N 79° E	S 84° E	85	-3
-726	-734	-746	-761	-041	92	58	59	74	-4	0.8	0.4	0.6	-1.6	0	0	1	14	27	18	2	0	0	S 41° E	S 44° E	101	-8
-851	-815	-861	-865	-035	89	57	64	73	-5	2.4	2.2	2.3	-1.2	0	0	1	9	33	16	1	0	0	S 33° E	S 36° E	126	-7
-801	-770	-872	-828	-068	77	50	63	65	-5	3.9	3.5	3.7	0	0	0	1	8	24	12	6	9	0	S 32° E	S 9° E	138	-21
-721	-748	-783	-768	-065	69	51	51	59	-7	5.0	6.4	5.7	-0.5	0	0	1	4	3	6	23	20	3	S 60° W	S 37° W	128	-26
-722	-739	-747	-751	-061	73	56	53	61	-7	6.0	9.0	7.5	+0.2	0	0	2	2	2	6	18	15	1	(b) S 53° W	S 51° W	126	-13
-774	-759	-778	-781	-055	81	58	55	66	-7	6.4	8.2	7.3	+0.4	0	1	4	6	0	2	19	20	6	(c) S 66° W	S 36° W	110	-11
-782	-759	-827	-800	-048	82	55	61	68	-9	4.2	5.9	5.0	-1.3	0	3	3	12	1	5	16	17	3	S 58° W	S 36° W	99	-4
-802	-846	-837	-843	-013	93	75	74	83	-0	8.0	7.1	7.5	+1.5	0	28	7	4	8	4	4	1	0	N 15° E	N 54° E	90	+6
-785	-837	-819	-833	+037	94	80	78	87	+3	7.8	7.7	7.8	+1.9	0	22	18	9	3	1	1	0	6	N 28° E	N 27° E	109	-14
-626	-661	-613	-652	-077	95	66	60	75	-7	4.3	2.5	3.4	-2.1	0	51	11	0	0	0	0	0	0	N 8° E	N 24° E	95	-33
-737	-753	-765	-769	-040	86	61	61	72	-4	4.7	4.9	4.8	-0.2	0	122	108	91	115	75	99	82	25	..	..	107	-13
-181	-253	-319	-237	..	56	50	63	56	..	3.1	4.8	4.0	..	1	7	15	15	14	3	0	4	4	N 75° E	..	169	..
-216	-263	-335	-265	..	67	53	68	63	..	3.4	6.2	4.8	..	0	11	11	10	9	8	0	2	5	N 67° E	..	172	..
-182	-192	-297	-221	..	51	30	49	44	..	0.7	3.6	2.1	..	1	19	19	4	11	7	0	0	1	N 53° E	..	211	..
-261	-304	-381	-319	..	68	47	64	61	..	3.6	6.4	5.0	..	0	4	8	17	17	12	1	0	1	S 67° E	..	180	..
-328	-393	-445	-381	..	79	65	82	76	..	5.8	8.6	7.2	..	0	14	4	5	8	4	1	7	19	N 21° W	..	175	..
-324	-410	-422	-317	..	81	73	80	79	..	6.2	9.2	7.7	..	2	1	0	1	1	0	0	26	29	N 65° W	..	205	..
-333	-397	-407	-375	..	86	79	86	84	..	8.5	9.6	9.1	..	0	2	0	0	0	0	1	43	16	N 77° W	..	272	..
-329	-400	-420	-376	..	86	75	84	82	..	7.3	9.6	8.4	..	1	3	1	0	0	0	1	26	30	N 63° W	..	205	..
-339	-423	-436	-390	..	88	80	90	86	..	7.8	9.5	8.7	..	2	3	2	6	4	2	0	19	22	N 59° W	..	163	..
-340	-427	-427	-393	..	91	81	90	89	..	7.8	9.7	8.8	..	0	15	9	4	17	5	0	3	9	N 51° E	..	(c) 156	..
-328	-396	-417	-379	..	89	80	90	86	..	7.3	8.4	7.8	..	3	11	5	3	5	9	1	11	12	N 46° W	..	(d) 147	..
-145	-202	-291	-197	..	48	38	58	47	..	2.3	3.7	3.0	..	3	9	8	8	14	6	0	2	12	N 61° E	..	(e) 167	..
-275	-338	-383	-321	..	74	63	76	71	..	5.3	7.4	6.4	..	18	99	82	73	100	56	5	143	160	..	..	185	..

(b) Mean of 23 days.

(c) Mean of 28 days.

(d) Mean of 27 days.

(e) Mean of 29 days.

Abstract of observations taken at 10 hrs. and 16 hrs.

STATION.	MONTH.	Height of bar-ometer above sea-level in feet.	PRESSURE.					TEMPERATURE OF AIR.								TEMPERATURE WET BULB.				VAPOUR TEN INCHES OF		
			Mean of 10 hrs.	Mean of 16 hrs.	Mean daily range.	Mean of daily mean pressures.	Departure from normal.	Mean maximum.	Mean minimum.	Highest maximum.	Lowest minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	Mean minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean of three previous columns.	From minimum.	Mean 10 hrs.	Mean 16 hrs.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Katmandu (Nepal).	January	4,388	25.702	25.636	-0.066	25.663	+0.021	68.3	39.1	71.4	32.0	49.2	59.7	50.5	+0.9	37.0	45.5	51.0	44.5	-197	-268	-276
	February	..	657	576	-0.81	613	+0.010	72.7	41.5	83.0	33.0	56.8	69.9	56.9	+4.4	39.1	50.9	56.3	48.8	-214	-306	-300
	March	..	606	533	-0.70	565	-0.001	80.6	46.2	87.4	36.0	66.0	77.3	63.7	+2.9	43.1	54.5	58.2	51.9	-244	-293	-266
	April	..	583	513	-0.70	546	+0.042	87.2	53.7	95.2	47.3	75.8	83.5	71.1	+4.0	49.2	59.9	61.0	56.7	-302	-337	-277
	May	..	542	488	-0.54	511	+0.063	90.0	60.4	96.2	53.6	80.3	84.7	75.3	+4.5	56.3	64.8	65.5	62.2	-411	-437	-410
	June	..	440	385	-0.55	408	+0.050	82.1	66.6	89.6	57.2	75.5	77.7	73.5	-0.4	64.7	69.4	70.5	68.2	-591	-650	-662
	July	..	435	382	-0.53	406	+0.061	83.7	68.9	88.6	67.3	77.1	79.9	75.9	+0.8	66.7	71.2	72.4	70.1	-630	-693	-712
	August	..	416	372	-0.44	392	0	83.1	68.8	87.6	67.3	77.7	78.4	75.5	+1.6	66.4	71.8	72.0	70.3	-621	-724	-735
	September	..	530	477	-0.53	501	+0.023	82.4	66.5	87.6	62.5	74.9	77.8	74.1	+0.9	64.2	69.5	71.3	68.3	-573	-650	-694
	October	..	653	570	-0.83	609	+0.017	80.0	52.3	84.8	43.9	67.9	75.4	66.1	-0.8	50.6	60.4	62.9	57.8	-342	-444	-437
	November	..	696	602	-0.94	646	-0.067	72.8	43.9	78.2	38.3	58.0	67.5	57.9	+0.1	41.8	52.6	56.9	50.1	-243	-336	-319
	December	..	694	606	-0.88	647	-0.018	64.4	38.4	71.6	31.0	49.2	59.9	50.5	-2.1	(f) 36.7	45.0	50.9	44.5	-188	-279	-272
	Year	..	25.579	25.512	-0.068	25.542	+0.022	78.5	53.9	96.2	31.0	67.4	74.3	65.9	+1.3	51.0	59.5	62.0	57.8	-380	-451	-447
Sevchelless (Indian Ocean).	January	15	29.864	29.781	-0.83	29.833	-0.015	(a) 84.7	77.5	87.8	71.5	82.3	83.4	(a) 79.8	?	71.3	76.0	76.8	74.8	-685	-831	-834
	February	..	863	769	-0.99	826	-0.026	84.5	77.8	87.9	73.3	82.6	84.0	80.1	+1.6	70.8	76.2	76.6	74.6	-663	-821	8
	March	..	891	792	-0.99	847	+0.019	..	78.2	..	75.6	83.0	83.4	..	..	71.1	77.0	77.0	75.2	-678	851	860
	April	..	868	784	-0.84	829	0	85.7	80.5	87.6	77.1	84.1	84.5	81.8	+2.4	72.0	77.9	77.0	75.0	-674	843	850
	May	..	938	826	-0.82	868	+0.004	83.9	78.9	86.7	75.2	82.0	83.2	80.0	+0.5	70.0	76.0	77.0	74.9	-618	852	855
	June	..	900	826	-0.74	865	-0.005	81.3	78.5	83.5	75.0	80.1	80.8	78.7	+1.1	68.4	74.6	74.5	72.5	-562	781	775
	July	..	964	888	-0.76	927	+0.011	79.4	76.0	80.9	73.5	78.2	79.0	76.4	0	66.4	72.4	73.2	70.9	-527	741	743
	August	..	919	839	-0.80	882	-0.014	81.5	76.9	81.8	75.5	79.1	79.8	77.0	+0.4	67.4	73.4	73.7	71.5	-545	749	749
	September	..	932	843	-0.89	896	-0.007	(b) 81.5	77.4	83.1	74.5	80.1	80.9	(b) 78.2	+0.5	68.4	74.7	75.1	72.7	-575	787	796
	October	..	920	829	-0.91	885	+0.007	82.5	77.0	85.0	73.4	81.0	81.4	78.3	+0.6	67.9	74.9	74.9	72.0	-564	785	777
	November	..	908	817	-0.91	875	+0.016	83.3	77.3	84.5	74.1	81.8	82.6	78.9	+1.2	68.5	75.9	75.4	73.1	-581	790	783
	December	..	915	826	-0.89	880	+0.021	83.3	77.6	86.3	74.6	81.7	82.2	79.4	+1.5	69.3	75.9	75.8	73.7	-605	819	828
	Year	..	29.905	29.818	-0.86	29.868	+0.001	(g) 82.7	77.8	87.9	71.5	81.3	82.1	(g) 79.0	(g) +0.9	69.4	75.4	75.7	73.5	-609	804	807

(a) Mean of 7 days.

(b) Mean of 28 days.

(f) Mean of 30 days.

(g) Mean of 10 months.

A—concl'd.

at 12 stations in India, etc., in 1922.

TEMPERATURE IN MERCURY.		HUMIDITY.					CLOUD.				WIND DIRECTION.													WIND VELOCITY.		RAINFALL.		Rainy days.
Mean of daily means.	Departure from normal.	From min. am.	Mean 10 hrs.	Mean 16 hrs.	Mean of daily means.	Departure from normal.	Mean 10 hrs.	Mean 16 hrs.	Mean of two previous columns.	Departure from normal.	Total number of 10 hrs. and 16 hrs. wind from													Mean velocity in miles per hr.	Departure from normal.	Rainfall.	Departure from normal.	
24	25	26	27	28	29	30	31	32	33	34	Calcu.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Mean wind direction.	Normal mean wind direction.	Mean velocity in miles per hr.	Departure from normal.	Rainfall.	Departure from normal.			
-253	0	83	76	55	75	-2	4.3	5.5	4.9	+1.5	30	1	1	4	7	2	1	11	5	S 70° W	N 78° W	24	+9	1.24	+0.25	4		
-283	+0.23	82	67	43	65	-4	2.1	2.3	2.2	-1.3	25	0	1	3	3	0	0	16	8	N 74° W	N 87° W	26	+5	0.17	-0.69	1		
-266	-0.35	77	43	24	51	-10	3.6	4.6	3.8	+0.5	25	0	0	3	6	0	2	23	3	S 80° W	N 82° W	28	+5	0.55	-0.54	2		
-298	-0.62	72	38	25	45	-13	2.9	3.4	3.1	-0.9	10	0	2	15	6	0	7	18	2	S 27° W	N 87° W	32	+6	0.59	-1.35	2		
-413	-0.77	77	44	37	53	-15	3.0	5.4	4.2	-1.0	12	0	1	16	5	0	11	17	0	S 24° W	S 89° W	31	0	2.03	-1.98	4		
-633	-0.07	90	74	71	77	+1	7.6	7.9	7.9	+1.7	40	0	0	8	0	0	5	6	1	S 34° W	N 87° W	15	-8	15.02	+5.80	19		
-682	-0.11	89	75	70	78	-3	7.0	7.2	7.1	+0.3	52	0	0	5	1	0	0	4	0	S 70° E	S 63° W	9	-6	14.70	-0.21	22		
-693	+0.11	88	75	76	81	-1	7.1	7.6	7.4	+0.3	54	0	0	2	0	0	1	5	0	S 80° W	N 66° W	9	-4	7.74	-0.92	13		
-644	+0.11	88	76	73	81	0	6.7	6.8	6.7	+0.4	48	0	0	7	1	0	0	4	0	S 80° E	N 87° W	11	-1	8.76	+1.41	15		
-406	-0.70	85	64	49	67	-8	2.2	2.2	2.2	-1.8	26	1	0	14	1	0	2	14	4	N 65° W	S 86° W	16	+4	0.35	-1.94	1		
-299	-0.37	84	70	47	71	-4	2.2	2.3	2.2	-0.4	21	0	0	17	0	0	0	12	0	E	N 81° W	15	+5	0.13	-0.02	1		
-248	-0.20	81	77	53	73	-2	3.6	4.0	3.5	+0.9	32	0	0	19	3	0	1	11	5	N 77° W	N 72° W	18	+2	0.75	+0.44	2		
-427	-0.22	83	65	52	68	-5	4.3	4.9	4.6	+0.1	885	2	5	104	33	2	30	141	28	..	..	19	+1	52.03	-5.75	91
-891	-0.32	73	75	73	77	-7	6.1	5.9	6.0	-1.6	5	22	16	0	0	0	1	0	18	N 3° W	N 39° W	108	+1	5.44	-11.65	6		
-796	-0.46	69	74	71	74	-9	5.6	6.6	6.1	-0.4	6	6	11	0	7	0	0	1	25	N 12° W	N 21° W	101	-6	1.78	-10.82	3		
-823	-0.38	70	75	75	77	-6	6.0	6.5	6.3	-0.4	10	7	5	1	4	1	1	1	29	N 28° W	N 17° W	78	-8	11.71	+1.80	12		
-314	-0.49	65	72	72	73	-7	5.6	6.6	6.1	+1.0	6	4	2	1	15	3	5	1	23	N 60° W	N 8° E	112	+30	3.80	-3.55	9		
-798	-0.48	66	78	75	75	-5	5.5	5.5	5.5	+0.4	6	0	0	0	47	8	0	1	0	S 38° E	S 43° E	142	+22	5.73	-0.34	11		
-722	-0.59	57	76	73	71	-8	6.6	6.5	6.6	-0.5	6	0	1	1	42	12	4	0	0	S 33° E	S 27° E	255	+67	4.19	-0.70	8		
-685	-0.60	59	76	75	71	-7	5.9	6.3	6.1	+0.5	6	0	0	0	48	12	2	0	0	S 34° E	S 33° E	277	+66	2.15	-0.26	6		
-689	-0.58	59	75	73	70	-8	5.7	6.1	5.9	-0.5	6	0	0	0	58	4	0	0	0	S 42° E	S 35° E	301	+70	1.67	-0.89	3		
-726	-0.41	61	76	75	73	-7	5.9	6.6	6.2	+0.6	2	1	0	4	42	8	2	1	0	S 39° E	S 40° E	337	+27	4.07	-0.19	7		
-722	-0.72	61	74	73	71	-10	5.4	5.7	5.5	-0.7	8	1	1	1	32	8	6	1	4	S 28° E	S 30° E	153	+14	9.91	+5.13	9		
-743	-0.93	62	73	70	71	-12	4.4	5.0	4.7	-2.2	7	1	2	4	19	12	3	2	10	S 23° E	S 56° E	123	+30	2.21	-8.20	6		
-776	-0.56	64	76	75	74	-9	5.5	6.0	5.7	-1.1	17	5	3	0	2	3	1	3	28	N 42° W	N 44° W	126	+17	4.24	-10.20	11		
-758	-0.54	64	75	73	73	-8	5.7	6.1	5.9	-0.3	70	47	41	12	316	71	25	11	137	..	..	168	+27	57.41	-39.87	91

**Table B.—Abstract of observations taken at 8 hrs. at 214 stations
in the year 1922.**

TABLE B.—JANUARY 1922.

Abstract of 8 hrs. observations.

Station and height of bar- ometer above sea-level in feet.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from nor- mal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from nor- mal.	Mean minimum.	Departure from nor- mal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from nor- mal.		Number of rainy days.	Departure from nor- mal.	Rainfall of month.	Departure from nor- mal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
I.—Burma.																				
Victoria Point (147)	29.737	..	N 55° E	5.8	78.3	73.6	88.4	..	74.3	..	94.7	71.2	79	..	5.0	3	+1.7	1.11	+0.63	0.54
Mergui (66)	29.837	—0.30	N 76° E	4.6	74.6	71.4	88.0	—0.2	71.3	+3.3	93.6	67.0	85	+3	2.2	1	—0.6	0.12	—0.88	0.10
Favoy (49)	29.894	—0.37	N 23° E	1.6	72.1*	69.6*	90.5*	+0.7*	67.4*	+2.2*	92.6	61.8	82*	—1	3.3	4	+3.6	1.57	+1.38	0.49
Moulmein (77)	29.869	—0.13	N 64° E	2.3	73.0	68.4	..	..	67.0	+1.5	..	58.1	78	—7	2.0	0	—0.3	0	—0.23	0
Rangoon (18)	29.926	—0.14	N 29° E	3.3	70.4	65.6	89.7	+0.7	67.8	+3.1	93.5	60.7	76	—6	4.5	0	—0.4	0.02	—0.21	0.02
Bassein (27)	29.929	—0.09	N	2.5	71.0	66.5	88.1	+2.3	61.6	—0.9	92.0	54.9	78	—10	4.4	1	+0.9	2.63	+2.50	2.63
Diamond Island (41)	29.886	—0.30	N 31° E	6.8	76.9	71.5	84.2	+0.5	73.3	+1.7	88.2	70.0	76	+3	6.1	0	—0.3	0	—0.20	0
Toungoo (164)	29.782	—0.27	N 11° W	1.1	64.1	60.9	87.7	+2.9	58.0	+0.5	92.2	51.7	82	—6	1.8	0	—0.4	0	—0.23	0
Kyaukpada (18)	29.922	..	N 10° W	0.3	69.9	67.5	79.7	..	64.5	..	86.3	59.4	88	..	4.4	0	—0.4	0	—0.08	0
Akyab (20)	29.925	—0.36	N 30° E	2.0	63.5	61.0	80.1	—1.0	59.8	+0.4	83.8	53.8	86	—3	2.4	0	—0.2	0	—0.07	0
Minbu (165)	29.795	—0.34	N 40° W	2.3	65.5	59.0	84.1	—0.5	55.0	—2.4	92.5	49.3	70	—5	1.9	0	—0.2	0	—0.05	0
Famethin (644)	29.302	—0.17	..	..	62.6	59.3	84.7	—1.3	57.1	+1.5	91.3	51.8	81	+1	1.8	0	—0.2	0	—0.09	0
Mandalay (250)	29.728	—0.08	Calm.	3.0	64.6	60.5	85.1	+0.9	58.1	+1.7	92.7	53.5	78	—6	3.7	0	—0.1	0	—0.04	0
Monywa (280)	29.719	—0.11	N 2° W	1.5	62.7	59.4	84.3	+2.6(?)	60.1	+3.6(?)	88.5	56.7	81	—5	3.7	0	0	0	0	0
Lashio (2,829)	27.163	+0.05	Calm.	1.8	52.8	51.1	74.6	0	46.8	+1.2	79.2	42.1	90	—1	3.1	0	—0.7	0	—0.31	0
Bhamo (367)	29.626	+0.05	Calm.	0.3	52.8	52.4	77.3	+1.4	49.5	+0.8	80.0	46.8	98	+3	5.7	1	—0.2	0.32	—0.22	0.27
Myitkyina (463)	29.521	—0.15	N 28° E	1.7	53.1	53.4	75.4	+1.0	50.3	+0.8	79.0	45.0	89	—1	2.6	0	—1.3	0.16	—0.34	0.07
II.—Assam.																				
Dibrugarh (353)	29.671	—0.14	N 72° E	0.3	55.1	54.4	71.5	+0.9	51.8	+2.5	75.5	49.3	97	+1	5.1	6	+2.5	2.08	+0.50	0.76
Sibsagar (333)	29.707	—0.07	S 45° W	0.4	54.7	54.0	69.6	—0.4	51.3	+1.6	73.0	48.2	96	—2	9.5	3	—0.7	1.69	—0.25	0.43
Tezpur (252)	29.783	+0.10	N 62° E	1.1	55.8	54.0	73.5	+0.5	52.4e	+0.7e	77.6	47.5	95	+2	3.2	3	+1.5	0.56	+0.03	0.20
Gauhati (196)	29.870	+0.22	S 85° E	1.1	57.0	56.1	74.5	+0.4	52.7	+3.0	79.6	48.6	95	—1	7.5	1	0	0.31	—0.03	0.18
Dhubri (115)	29.923	+0.14	N 80° E	4.1	58.1	56.3	73.0	—0.7	55.2	+2.7	77.1	50.4	89	—3	0.6	1	+0.2	0.37	+0.05	0.26
Silchar (104)	29.941	+0.14	N 59° E	0.8	62.8	59.8	79.4	+1.7	53.1	+0.8	83.2	48.7	83	—8	1.4	0	—1.7	0	—0.88	0
Brimangal (86)	29.948	..	..	..	50.4	49.4	80.8	+0.9	44.9?	—3.8?	85.7	41.1	93	+2	2.6	0	—1.2	0	—0.15	0
III.—Bengal.																				
Cox's Bazar (36)	29.937	..	N 42° E	1.1	63.6	61.1	81.3	..	57.7	..	86.1	53.7	86	..	1.5	0	—0.3	0	—0.09	0
Chittagong (87)	29.910	—0.05	N 47° E	1.6	60.2	57.0	80.1	+1.8	56.1	+0.8	84.8	52.0	86	—2	1.6	0	—0.5	0.01	—0.30	0.01
Naikhal (43)	29.974	+0.13	N 2° E	2.2	63.2	59.8	79.5	+1.8	57.2	+4.4?	84.3	52.0	81	—8	2.1	0	—0.7	0	—0.30	0
Barisal (12)	29.977	—0.13	N 8° E	1.6	62.4	59.2	77.9	+0.3	55.6	+0.6	82.7	49.6	82	—5	2.0	0	—0.7	0	—0.47	0
Narayanganj (26)	29.983	—0.04	N 23° W	0.8	61.2	58.0	78.3	+0.7	56.6	+1.3	82.9	50.6	81	—7	2.6	0	—0.9	0.02	—0.31	0.01
Mymensingh (63)	29.948	—0.06	Calm.	0.2	59.4	56.5	77.5	+2.4	55.6	+2.6	81.1	49.2	83	—7	3.1	0	—1.0	0.04	—0.33	0.03
Bogra (75)	29.950	+0.01	N 47° W	0.4	57.7	56.6	76.4	+0.7	53.3	+1.4	80.3	45.1	95	+11	4.3	1	0	0.12	—0.28	0.12
Dinajpur (123)	29.890	—0.06	N 51° W	1.5	56.3	54.2	75.7	+0.4	?	?	79.3	?	87	—1	2.3	2	+1.2	0.23	—0.07	0.18
Jalpaiguri (283)	29.740	+0.07	N 29° W	0.5	56.4	54.0	74.4	+1.8	53.5	+2.6	77.4	47.1	90	—1	1.6	2	+1.3	2.07	+1.75	1.01
Saugor Island (10)	30.011	+0.06	N 21° E	5.4	63.5	60.5	77.1	+0.2	58.1	—1.1	81.0	51.7	83	—7	2.8	1	+0.2	0.52	+0.22	0.56
Midnapore (140)	29.871	0	N 12° W	1.7	60.8	54.6	81.3	+0.5	55.0	0	87.5	48.6	65	—6	3.6	0	—0.9	0.10	—0.88	0.05
Calcutta (21)	29.999	—0.04	N 18° W	2.3	59.2	55.9	78.8	+1.5	56.1	+0.6	84.2	50.9	82	—3	2.7	1	+0.2	0.17	—0.20	0.12
Jessore (30)	29.988	—0.02	N 17° E	1.5	59.9	56.3	77.8	+0.5	53.8	+0.6	83.2	48.7	79	—7	2.5	0	—0.9	0	—0.40	0
Khatina	29.967	..	N 7° W	2.3	60.4	57.3	79.0	..	54.7	..	85.5	48.7	82	..	1.6	0	..	0.04	..	0.04
Satkhira	30.012	..	N	0.5	61.3	57.4	81.1E	..	50.9g	..	86.7	43.0	77	..	2.5	0	..	0.05	..	0.05
Burdwan (99)	29.918	—0.10	N 34° W	1.1	59.4	55.2	80.0	+1.4	54.2	—0.8	86.4	47.6	75	0?	3.5	0	—0.7	0.15	—0.21	0.09
Assansol	29.966d	..	..	..	59.1	54.2	78.6	..	52.4	..	87.6	45.1	71	..	4.1	0	..	0.26	—0.22	0.08
Berhampore (67)	29.979	+0.02(?)	N 48° W	0.9	69.8	57.4	77.0	+0.5	54.0	+0.5	82.1	48.2	80	—6	3.3	1	+0.1	0.17	—0.20	0.17

* Mean of 30 days.

N.B.—Elevations in italics indicate barometrical determinations.

(d) Mean of 30 days.

(e) Mean of 29 days.

(k) Mean of 23 days.

(g) Mean of 17 days.

TABLE B.—JANUARY 1922—contd.

Abstract of 8 hrs. observations.

Station and height of barometer above sea-level in feet.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
IV.—Bihar and Orissa.																				
Balasore (50)	29-980	+006	N 6° R	0-9	61-2	57-2	81-7	+1-0	55-7	-0-5	88-0	49-2	77	-4	2-8	1	0	0-74	+0-20	0-70
Hukitala (False Point). (29)	29-985	-002	N 8° W	4-6	..	..	..	..	..	..	..	..	..	..	1-8	0	-0-8	0-08	-0-40	0-07
Cuttack (80)	29-935	-003	N 38° W	0-4	62-3	59-7	80-8	-3-0	57-6	-2-6	85-7	50-6	85	+4	2-4	1	+0-4	0-41	+0-18	0-35
Puri (24)	30-005	+013	N 20° E	4-9	65-8	62-5	79-9	-0-1	63-1	-0-5	85-1	56-8	83	+1	2-6	0	-0-6	0-09	-0-21	0-03
Angul (455)	29-551	+0147	N 57° W	3-2	60-2	56-2	79-8	-2-1	55-1	-3-8	85-4	49-9	78	-2	3-6	2	+1-3	0-91	+0-45	0-75
Sambalpur (486)	29-513	-015	N 11° W	1-3	59-4	55-8	80-3	-1-7	51-2	-4-1	86-2	44-5	78	+5	1-8	2	+1-2	0-36	+0-01	0-16
Chaibasa (733)	29-253	-011	S 7° W	1-3	55-7	53-0	78-8	-1-1	51-9	-0-6	87-1	44-8	82	-3	3-1	2	+0-7	0-63	-0-05	0-42
Ranchi (2,133)	27-831	+009	N 50° W	3-0	55-0	49-0	73-2	-0-6	50-8	-0-6	82-2	41-2	69	+4	4-1	1	-0-4	0-23	-0-39	0-11
Purulia (816)	29-200	+019	N 84° W	(b) 1-1	60-1	53-5	79-8	+2-37	54-4	+0-5	88-1	47-5	62	-11	4-0	1	-0-5	0-40	-0-83	0-22
Baitonganj (730)	29-305	+013	S 39° E	2-7	52-8	50-7	76-2	+0-8	46-7	-0-2	85-9	39-4	86	+5	2-5	2	+0-2	1-08	+0-27	0-75
Purnea (124)	29-899	-007	S 75° W	2-1	54-6	53-4	75-2	+0-9	49-5	+1-5	79-2	41-8	92	+1	1-6	1	+0-2	0-43	+0-02	0-30
Monghyr (155)	29-874	..	S 69° W	1-6	57-6	54-4	73-7	..	53-1	..	79-2	47-9	81	..	2-6	2	+1-5	0-57	+0-33	0-24
Darbhanga (165)	29-873	+016	S 59° W	0-9	57-0	54-7	74-3	+1-5	51-0	-0-3	79-3	45-4	86	-2	3-2	2	+0-9	0-50	+0-01	0-29
Pusa (188)	29-837	..	S 31° W	2-2	54-6	53-3	74-7	..	49-6	..	80-0	42-9	92	..	2-5	2	+1-6	0-41	+0-29	0-23
Patna (183)	29-854	+015	S 70° W	2-7	57-2	54-1	72-9	+0-2	51-7	+1-0	77-7	44-6	80	+2	2-5	4	+2-9	1-05	+0-50	0-51
Buxar (239)	29-791	+001	S 48° W	3-1	54-8	53-3	73-9	0	51-2	+0-9	80-3	43-1	90	+167	3-7	2	+0-7	0-85	+0-18	0-49
Gaya (372)	29-683	+0317	S 80° W	1-4	62-1	55-6	75-0	-0-4	53-6	+2-1	83-5	47-2	64	-11	2-3	1	-0-2	0-66	+0-02	0-42
Naya Dumka (489)	29-517	-002	Calm	1-1	60-2	54-7	76-5	+1-1	51-7	+0-5	83-6	44-5	68	-7	1-5	2	+1-0	0-36	-0-13	0-20
V.—United Provinces of Agra and Oudh.																				
Gorakhpur (257)	29-778	+022	S 86° W	0-4	54-7	52-9	71-7	-0-9	50-9	+1-9	76-3	42-5	88	+6	2-5	2	+0-6	0-73	+0-01	0-39
Benares (267)	29-772	+013	S 54° W	1-7	56-8	54-0	73-6	-0-4	50-2	+2-2	80-0	40-5	83	0	3-6	2	+0-5	2-02	+1-35	1-58
Allahabad (309)	29-754	+0367	S 85° W	1-2	55-8	52-7	73-5	-0-7	50-6	+2-7	83-6	41-1	80	+1	3-9	2	+0-3	1-20	+0-44	0-62
Cawnpore (416)	29-618	+018	S 87° W	1-6	53-8	50-1	70-5	-2-0	49-9	+2-0	78-4	41-9	76	-173	2-8	4	+2-5	1-62	+1-05	0-55
Lucknow (368)	29-653	+002	S 45° W	1-3	53-3	51-0	72-5	-0-9	49-1	+2-4	80-7	40-8	84	+3	3-5	4	+2-5	1-52	+0-69	0-55
Bahraich (407)	29-586	-012	N 27° W	1-7	53-1	51-5	70-6	-1-6	49-9	+2-6	77-5	43-3	89	+2	2-7	4	+1-9	1-34	+0-31	0-70
Jhansi (824)	29-199	-001	S 45° W	2-4	56-2	51-3	73-4	-2-5	49-5	-2-0	84-3	39-6	70	+5	3-8	4	+2-7	1-11	+0-49	0-37
Agra (556)	29-487	+020	W	1-5	56-6	51-7	71-3	-1-5	49-9	+1-3	80-5	42-1	70	-1	4-3	1	-0-4	0-72	+0-17	0-58
Mainpuri (516)	29-507	+009	N 62° W	1-1	52-2	49-3	71-1	-0-6	47-9	+1-7	79-4	39-1	80	+3	4-3	3	+1-5	0-67	+0-01	0-40
Bareilly (568)	29-428	-001	N 81° W	0-2	52-2	50-0	67-0	-3-2	48-4	+2-3	73-5	43-2	85	+2	4-5	4	+1-7	2-71	+1-65	1-45
Roorkee (999)	29-094	+010	N 45° W	0-4	48-5	47-6	65-4	-3-5	46-3	+2-4	71-6	42-0	93	+8	4-8	7	+4-0	4-10	+2-49	1-17
VI.—Panjab.																				
Delhi (718)	29-297	+007	N 56° W	1-5	52-2	48-6	66-7	-3-3	50-1	+2-4	73-0	42-0	76	+8	4-0	3	+0-8	0-83	-0-25	0-40
Hissar (725)	29-318	+027	S 58° W	3-6	47-6	44-4	69-2	-0-9	43-2	+0-5	75-7	35-4	77	+1	3-5	2	+0-3	0-46	-0-27	0-28
Patiala (818)	29-168	-012	N 41° W	2-6	49-2	47-5	66-3	-1-3	46-7	+3-2	71-4	41-5	88	+9	3-7	4	+1-3	0-94	-0-47	0-56
Ambala (892)	29-103	+009	N 28° W	2-6	49-4	47-3	66-8	-1-2	46-3	+3-2	72-6	42-8	85	0	5-5	4	+0-6	1-44	-0-18	0-53
Ludhiana (812)	29-194	+009	W	0-9	47-4	45-8	65-6	-0-8	44-2	0	72-1	39-2	88	+6	3-1	4	+1-1	0-88	-0-94	0-23
Lahore (702)	29-326	+017	N 14° W	1-0	45-9	44-1	65-3	-3-1	42-7	+1-6	69-9	37-4	85	+1	4-6	2	-0-2	0-46	-0-63	0-30
Sialkot (830)	29-190	+026	N 23° E	0-8	47-7	46-8	63-0	-2-8	42-1	-0-9	68-7	36-7	94	+13	4-6	3	-0-1	0-88	-1-33	0-40
Rawalpindi (1,674)	28-355	+016	N 60° W	2-1	42-6	41-6	59-7	-2-7	38-0	+0-9	65-9	35-0	91	+0	1-7	3	-0-9	1-83	-0-82	1-40

N.B.—Elevations in italics indicate barometrical determinations.

(a) Mean of 30 days.

(b) Mean of 29 days.

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TABLE B.—JANUARY 1922—contd.

Abstract of 8 hrs. observations.

Station and height of barometer above sea-level in feet.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
VI.—Punjab—continued.																				
Khushab (612)	29.450	+0.39	N 37° E	1.3	47.3	44.7	65.8	-1.7	38.6	-2.7	71.0	33.2	82	+14	3.2	1	-0.7	0.21	-0.60	0.21
Lyalpur (605)	29.441	..	N 78° W	1.4	44.8	43.1	65.6	..	41.0	..	71.1	35.4	87	..	4.8	1	-0.3	0.19	-0.31	0.14
Montgomery (558) . . .	29.491	+0.20	N 33° W	1.1	47.2	44.6	66.6	-1.8	43.3	+2.0	71.4	37.2	81	+10	3.0	0	-1.7	0.10	-0.50	0.06
Mulran (426)	29.635	+0.14	N 4° W	0.6	49.3	47.0	67.8	-1.9	46.1	+2.8	72.1	42.5	84	+13	3.1	1	-0.3	0.10	-0.34	0.10
VII.—North-West Frontier Province.																				
Peshawar (1,113) . . .	28.971	+0.38	S 35° E	0.5	43.1	40.7	60.7	-2.3	39.0	-0.6	68.0	35.1	86	+8	3.2	2	-1.1	0.72	-0.86	0.51
Dera Ismail Khan (590) .	29.513	+0.44	N 13° W	0.7	46.9	44.1	63.8	-4.8	42.7	+2.5	69.6	38.0	79	+8	3.1	0	-1.4	0.12	-0.40	0.08
VIII.—Sind.																				
Jacobabad (186) . . .	29.899	+0.26	N 63° E	1.5	52.0	49.4	65.5	-7.5	46.6	+3.4	70.7	38.4	82	+18	1.1	0	-0.8	0	-0.28	0
Hyderabad (96) . . .	29.982	+0.24	N 5° W	1.4	54.5	49.2	74.9	-1.5	51.2	+0.6	84.8	41.0	66	+9	0	0	-0.6	0	-0.22	0
Karachi (13)	30.060	+0.15	N 48° E	5.7	61.0	55.5	75.5	-0.2	57.9	-0.6	78.9	50.0	68	+6	2.0	0	-1.1	0.02	-0.54	0.01
IX.—Rajputana.																				
Bikaner (771)	29.266	+0.20	N 59° E	3.1	50.6	45.2	71.3	-0.1	45.2	-3.3?	81.4	37.5	63	+7	2.5	0	-1.0	0.09	-0.26	0.09
Jodhpur (780)	29.250	+0.16	N 45° E	3.3	53.8	45.5	75.7	-0.4	49.9	+0.3	83.5	38.3	48	+2	3.4	0	-0.4	0	-0.16	0
Jaipur (1,431)	28.589	+0.22	N 18° E	3.0	53.0	46.7	72.2	-1.8	47.0	-0.8	79.6	36.2	61	-1	3.4	0	-1.1	0.04	-0.42	0.04
Ajmer (1,611)	28.375	-0.13	N 23° E	0.8	46.4	42.7	70.4	-3.0	44.7	-0.9	77.8	35.2	73	+2	1.2	0	-1.1	0.01	-0.36	0.01
Kotah (832)	29.168	-0.12	N 72° W	0.5	57.1	49.0	75.4	-1.4	51.5	+0.6	83.6	44.6	57	0	2.7	0	-0.7	0.05	-0.22	0.03
X.—Bombay.																				
Deesa (466)	29.560	+0.24	N 52° E	4.3	57.6	49.1	82.4	-0.6	50.1	-1.1	88.8	40.2	50	+3	1.3	0	-0.3	0	-0.12	0
Bhuj (334)	29.696	+0.13	N 6° E	3.1	60.0	53.0	78.0	-1.6	48.3	-6.1?	85.6	39.1	59	-1	0.5	0	-0.2	0	-0.06	0
Jamnagar (61) . . . .	..	..	N 51° E	5.1	62.0	53.9	78.6	0	52.3	-1.0	85.0	43.2	56	-4	0.1	0	-0.2	0	-0.03	0
Dwarka (37)	30.009	+0.15	N 25° E	7.4	63.2	58.0	77.5	+0.2	59.6	+0.3	83.6	52.4	71	+2	0.3	0	-0.1	0	-0.04	0
Rajkot (429)	29.574	-0.01?	N 17° E	5.7	56.8	49.0	81.2	-2.3	49.6	-1.1	91.1	40.5	53	+1	1.7	0	-0.2	0	-0.04	0
Veraval (18)	29.995	+0.12	N 6° E	5.3	63.1	54.5	81.4	+0.2	59.7	+0.9	85.6	52.5	54	+1	0.5	0	0	0	-0.02	0
Bhavnagar Para (55) . .	29.973	+0.15	N 50° W	1.5	59.1	50.6	82.2	-1.3	51.9	-2.5	90.0	40.8	51	-2	1.2	0	0	0	-0.02	0
Surat (39)	29.962	+0.03	N 49° E	2.0	63.2	55.9	85.0	-1.6	58.3	+1.4	91.4	49.2	60	-4	1.2	0	-0.2	0	-0.06	0
Ahmadabad (163) . . .	29.872	+0.18	N 61° E	4.0	62.0	53.6	82.9	-1.1	57.3	+0.2	89.0	49.1	54	+7	0.6	0	0	0	-0.02	0
Bombay (37)	29.919	-0.23	N 57° E	6.4	70.7	61.9	83.7	+1.2	68.1	+0.2	88.9	60.3	71	-1	1.5	0	-0.1	0	-0.08	0
Ratnagiri (207)	29.708	-0.40	S 87° E	6.5	75.0	65.6	87.1	+0.2	68.9	+2.5	94.4	59.7	57	-6	1.8	0	-0.2	0	-0.10	0
Marmagao (60)	29.863	-0.20	N 86° E	5.0	72.5	69.3	84.6	-0.4	71.0	+1.3	87.5	66.1	85	+3	3.7	0	0	0	-0.03	0
Karwar (44)	29.990	-0.06	N 17° W	1.2	69.8	67.8	88.1	+1.7	68.0	+2.2	93.6	63.2	90	+9	0.6	0	-0.1	0	-0.06	0
Malegaon (1,430) . . .	28.530	-0.12	S 59° W	3.5	61.5	53.5	84.1	-1.7	53.5	+1.5	92.6	43.5	57	+4	2.8	1	+0.7	0.54	+0.40	0.42
Ahmadnagar (2,154) . .	27.811	-0.14	N 12° E	3.5	64.8	55.8	83.4	-1.1	56.0	+3.7	89.0	48.5	55	-2	1.5	4	+3.8	0.90	+0.78	0.82
Poona (1,848)	28.115	-0.08	N 18° E	2.0	63.0	55.8	86.4	+0.2	56.1	+1.9	90.4	45.9	62	+3	2.3	0	-0.2	0	-0.06	0
Bholapur (1,500) . . .	28.354	-0.21	S 47° E	4.7	69.1	60.3	86.0	-1.7	61.9	+3.1	89.7	56.1	59	+12	3.0	0	-0.2	0.05	-0.10	0.03
Bijapur (1,948)	27.902	-0.19	S 47° E	3.0	68.9	62.0	83.6	-2.8?	62.1	+2.2	88.8	55.1	67	+2	3.1	1	+0.8	3.54	+3.45	3.51
Belgaum (2,562)	27.403	-0.06	N 73° E	2.5	66.0	59.8	83.9	+0.4	59.8	+2.2	88.2	52.4	69	+10	3.8	1	+0.8	0.28	+0.16	0.24

N.L.—Elevations in italics indicate barometrical determinations.

TABLE B.—JANUARY 1922—contd.

Abstract of 8 hrs. observations.

Station and height of barometer above sea-level in feet.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
XI.—Central India.																				
Neemuch (1,626)	28.669	+001	N 85° E	2.8	58.2	52.0	74.1	-3.2	48.7	+0.2	82.7	39.0	65	+9	2.5	1	+0.6	0.48	+0.27	0.43
Indore (1,823)	28.152	-002	N 51° E	1.3	59.1	52.1	77.9	-1.5	49.9	+0.3	86.4	40.6	61	0	3.2	2	+1.6	0.36	+0.24	0.20
Nowgong (754)	29.262	+005	S 36° E	1.1	53.4	50.3	71.5	-2.7	48.5	+1.4	81.0	36.7	79	+8	3.6	5	+3.4	1.97	+1.34	0.59
Burha (1,041)	28.962	+010	N 45° W	1.2	54.7	51.6	71.7	-2.9	49.8	+1.8	83.8	38.3	81	+10	3.3	5	+3.1	1.46	+0.57	0.55
XII.—Central Provinces.																				
Buldana (2,134)	..	..	N 56° W	4.3	65.0	56.3	78.8	-2.5	58.8	+0.1	86.3	53.7	57	..	3.1	5	+4.5	6.18	+5.05	2.04
Akola (925)	29.061	+003	N 26° E	3.0	63.3	55.7	84.9	-0.8	56.5	+2.6	93.8	47.0	59	+5	3.4	3	+2.4	2.20	+1.87	1.93
Amraoti (1,215)	28.763	+001	N 52° E	3.8	65.2	55.2	83.7	-1.2	59.2	+1.0	91.0	55.0	49	-2	2.9	1	+0.4	0.16	-0.24	0.11
Khandwa (1,044)	28.942	+003	N 60° E	3.1	60.8	55.2	82.1	-2.2	53.1	+0.9	90.8	44.8	68	+13	3.6	4	+3.6	1.79	+1.58	0.82
Hoshangabad (1,006)	29.016	+021?	N 60° E	1.8	58.3	54.8	77.2	-2.7	52.7	+0.6	84.7	46.6	79	+14	3.4	6	+5.2	2.57	+2.32	0.66
Saugor (1,807)	28.130	-048?	S 67° E	3.4	55.5	49.2	74.7	-2.0	52.2	+0.1	83.2	44.2	62	+7	3.3	6	+4.9	1.77	+1.22	0.54
Jubbulpore (1,327)	28.643	-010	S 65° E	1.0	54.0	51.0	74.1	-3.4	50.6	+2.3	83.9	40.5	75	0	3.8	6	+4.6	2.05	+1.37	1.10
Seoni (2,033)	27.947	+006	N 30° E	2.2	58.4	52.3	75.5	-3.8	52.1	+0.7	82.8	44.3	66	+1	2.5	3	+1.8	1.86	+1.35	0.73
Nagpur (1,017)	28.979	+014	N 54° E	3.1	62.6	54.6	82.2	-1.5	55.5	-0.2	89.6	48.4	56	-4	2.5	2	+1.2	0.56	+0.21	0.35
Pendra (2,040)	27.935	+006	N 33° W	3.5	59.0	52.9	75.4	-0.6	51.3	+0.5	83.5	42.2	66	+2	?	1	-0.4	0.16	-0.49	0.16
Raipur (970)	29.025	+009	N 88° E	1.2	60.6	55.3	79.7	-1.9	56.5	+1.1	87.0	51.6	70	+6	2.4	2	+1.3	0.87	+0.65	0.57
Chanda (634)	29.350	-008	N 61° W	0.9	64.9	59.8	82.7	-2.8	56.8	+1.9	89.9	47.0	73	+3	2.6	2	+1.6	1.14	+0.80	0.78
Jagdalpur (1,813)	29.158	..	N 68° E	1.1	60.7	56.8	82.1	..	53.4	..	89.0	48.1	78	..	3.1	0	-0.5	0.09	-0.24	0.09
XIII.—Hyderabad.																				
Aurangabad (1,905)	28.070	-009	N 71° E	4.9	65.4	55.6	82.7	-2.5	59.0	+3.7	89.4	52.0	53	+5	4.1	3	+2.6	1.25	+0.90	0.63
Nizamabad (1,248)	28.725	?	N 66° E	1.4	67.0	61.2	83.6	-2.0	59.3	+2.9	89.9	53.8	71	+8	3.7	2	+1.7	2.65	+2.51	1.80
Gulbarga (1,503)	28.447	-018	S 86° E	5.3	66.9	60.4	87.0	-0.4	61.8	+1.8	92.2	56.7	68	+10	1.9	1	+0.7	1.74	+1.57	1.67
Raichur (1,311)	28.643	+009	S 67° E	5.2	70.7	64.6	86.4	-0.6	66.4	+1.9	91.8	62.7	70	+8	2.3	0	-0.2	0.02	-0.08	0.02
Hyderabad (Deccan) (1,719)	28.249	0	S 49° E	2.8	66.6	62.8	81.1	-3.8	61.8	+2.1	86.9	57.4	89	+7	4.7	5	+4.6	5.21	+5.00	3.67
Manamkonda (877)	29.110	+014	S 45° E	2.9	69.1	64.8	83.3	-2.4	63.8	+1.0	88.2	58.2	79	+7	3.6	4	+3.5	2.21	+1.87	1.13
XIV.—Mysore.																				
Chikaldurg (2,405)	27.546	-003	S 65° E	4.1	68.9	62.8	83.3	-1.4	62.7	+0.6	87.1	58.0	69	+7	3.0	1	+0.8	1.14	+1.02	1.14
Hasan (3,149)	26.838	+003	S 76° E	3.7	67.5	61.5	83.1	+0.8	58.2	+2.7	86.2	51.8	72	-2	3.8	0	-0.2	0	-0.05	0
Bangalore (3,021)	26.960	-010	E	6.2	64.6	60.7	82.0	+1.3	59.0	+1.6	87.3	53.3	80	+1	3.8	1	+0.6	0.42	+0.17	0.36
Mysore (2,518)	27.425	-025?	N 64° E	5.2	68.4	62.6	84.4	0	61.5	+1.1	89.0	56.3	70	-3	2.5	0	-0.2	0.06	-0.07	0.06
XV.—Madras.																				
Mangalore (72)	29.856	-020	N 85° E	4.8	77.2	70.5	89.6	+0.5	71.5	+2.9	95.2	67.2	69	+3	2.5	0	-0.1	0	-0.07	0
Calicut (27)	29.898	-007	S 63° E	3.3	75.0	71.2	86.6	-0.8	71.6	+1.3	88.8	60.3	82	+4	4.9	1	+0.5	0.27	-0.10	0.20
Cochin (9)	29.913	-003	N 76° E	4.0	76.1	70.5	88.7	-0.6	72.1	+0.3	90.9	68.0	75	+2	3.4	3	+2.3	1.71	+1.12	0.99
Telavandrum (198)	29.715	+010	N 39° E	2.6	75.2	72.0	83.6	-0.1	72.4	-0.1	86.5	69.7	85	+8	3.0	2	+0.6	0.52	-0.11	0.30
Pamban (37)	29.890	-024?	N 19° W	9.2	77.6	74.9	82.6	+0.9	75.4	+0.9	84.1	74.4	87	+2	4.4	3	0	0.54	-1.22	0.17
Madura (447)	29.479	-015	N 21° E	3.9	73.9	70.0	86.3	-1.1	69.5	+0.7	89.5	65.8	82	+5	5.6	1	+0.1	1.29	+0.84	1.20
Pudukkottai (318)	29.629	-013	N 32° E	4.3	72.4	69.0	86.5	-0.3	68.8	+1.1	90.0	65.2	84	+1	1.6	1	-0.4	0.22	-0.61	0.13
Negapatam (31)	29.921	-005	N 7° W	9.3	75.2	70.5	82.3	-0.1	71.8	+0.4	85.1	68.1	79	-2	5.6	6	+3.6	3.67	+2.06	1.75

N.B.—Elevations in italics indicate barometrical determinations.

TABLE B.—JANUARY 1922—contd.

Abstract of 8 hrs. observations.

Station and height of barometer above sea-level in feet.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
XV.—Madras—concd.																				
Trichinopoly (255)	29.707	—006	N 6° E	2.7	74.9	70.5	87.8	+0.3	68.7	+1.2	91.4	63.7	79	0	4.0	3	+2.0	0.82	+0.28	0.30
Coimbatore (1,341)	28.609	—004	N 32° E	2.9	72.0	67.1	86.2	—0.5	65.7	+1.3	92.0	59.3	76	—8	4.2	2	+1.1	1.14	+0.59	0.74
Salem (913)	29.038	—006	N 40° E	3.9	71.2	66.9	87.7	—0.9	64.7	+0.3	93.9	59.1	79	+2	3.2	1	+0.5	0.14	—0.16	0.14
Cuddalore (37)	29.929	—006	N 30° W	5.1	72.9	70.2	81.6	—1.7	69.4	+1.4	83.5	66.2	87	—1	5.5	6	+4.2	4.25	+3.03	2.21
Vellore (707)	29.252	—017	Calm	1.6	68.3	66.8	83.6	—1.1	64.4	—0.6	89.0	59.5	92	+7	3.3	4	+2.4	3.48	+2.10	2.72
Madras (22)	29.949	—013	N 18° W	3.4	73.4	70.9	83.4	—1.3	68.3	+0.7	87.3	63.6	88	+4	4.4	5	+3.5	3.47	+2.33	2.01
Cuddapah (428)	29.540	—009	S 41° E	..	72.4	67.8	87.8	—1.1	66.8	+1.4	94.0	62.0	78	+3	3.8	2	+1.6	0.74	+0.40	0.47
Bellary (1,475)	28.479	—004	S 50° E	2.4	69.6	64.7	86.6	—1.6	63.8	+2.2	92.1	59.9	76	+12	3.4	1	+0.8	0.43	+0.33	0.38
Kurnool (923)	29.035	—006	S 69° E	0.7	70.2	66.7	87.4	—1.3	65.2	+5.0	92.7	59.6	83	+12	3.1	1	+0.6	0.59	+0.44	0.46
Nellore (66)	29.909	—012	N 15° W	1.4	72.2	69.7	84.2	—1.7	68.0	+1.0	89.6	63.8	88	+1	5.1	3	+1.7	3.53	+1.95	2.39
Masulipatam (15)	29.982	—012	N 38° E	3.8	72.4	68.8	83.1	—0.4	67.2	+1.3	89.1	63.2	83	—3	3.0	1	+0.7	0.35	+0.04	0.20
Cocanada (86)	29.972	—010	N 16° E	6.5	72.2	67.7	80.9	—0.7	68.1	+1.8	89.4	64.1	78	+1	3.5	0	—0.3	0.01	—0.14	0.01
Vizagapatam (38)	29.964	—004	N 44° W	4.3	72.4	67.0	80.2	—0.6	68.5	+0.6	84.0	64.4	74	+2	5.0	0	—0.5	0.06	—0.47	0.05
Chingapatam (19)	29.988	..	N 15° W	4.0	68.2	65.0	82.4	..	69.2	..	90.8	59.3	83	..	2.6	0	—0.7	0	—0.23	..
Gopalpur (56)	29.963	+000	N 18° W	4.5	67.2	62.0	80.0	—0.2	61.6	—0.6	86.4	56.6	73	—7	1.8	1	+0.6	0.13	—0.08	0.13
Bay Stations.																				
P. V. Fraser (8)	29.986	..	N 13° W	..	(d) 72.1	(d) 66.2	..	..	..	..	..	..	(d) 72	..	3.5	0	—0.6	0	—0.24	0
Port Blair (58)	29.816	—051	N 29° E	5.8	78.3	74.0	84.0	—2.4	74.9	—0.7	87.6	69.3	80	—1	4.7	4	+2.0	9.65	+8.04	8.20
Kashmir.																				
Muzaffarabad	27.644	..	S 27° W	1.9	40.9	39.9	56.2	..	37.9	..	64.1	34.3	92	..	3.4	6	—1.0	2.42	—2.16	1.25
Srinagar (5,204)	24.951	—005	N	1.6	34.0	(l) 33.7	41.6	+1.0	32.0	+5.5	47.8	29.0	(l) 91	+2	9.4	8	+1.8	2.33	—0.56	0.45
Gulmarg (8,569)	Closed for winter months.																			
Dras (10,059)	20.768	+020	N 45° W	0.5	0.5	..	15.6	—5.6	11.8	—1.2	26.0	—30.1	..	..	8.2	12	+3.1	3.47	+0.49	0.53
Leh (11,593)	19.607	—003	N 45° E	0.3	12.5	..	26.4	—3.9	8.9	+0.4	31.2	2.1	..	..	8.5	6	—1.1	0.40	+0.02	0.07
Skardu (7,595)	22.923	+001	S	0.6	15.3	..	28.1	—6.4	10.3	—6.3	34.8	0	..	..	8.6	1	—1.9	0.54	—0.48	0.17
Gilgit (4,890)	25.302	+057	S 62° W	1.1	35.4	(l) 33.1	45.3	—0.3	32.1	+0.1	50.2	28.0	(l) 70	..	7.3	0	—0.9	0.07	—0.18	0.04
Baluchistan.																				
Fort Sandeman (4,614)	25.465	..	S 67° E	2.5	34.9	(u) 35.8	53.4	..	32.2	..	63.1	27.4	(u) 76	..	4.9	2	—0.6	0.40	—0.42	0.22
Quetta (5,502)	24.660	+006	S 24° E	1.6	32.0	(y) 36.8	49.4	—1.5	29.1	+0.4	60.5	21.5	(y) 80	..	3.9	6	+1.2	1.31	—0.70	0.53
Chaman (4,311)	25.729	—012	S 68° E	2.4	38.8	(o) 38.4	52.3	—0.2	35.1	—0.5	64.5	28.4	(o) 70	—1	4.4	4	0	1.44	—0.09	0.57
Kalat (6,630)	23.699	..	S 11° W	4.1	29.8	(z) 39.4	49.7	—1.0	26.1	..	59.4	15.7	(z) 91	..	3.6	6	+2.4	1.14	—0.17	0.46
Dalbandin (2,772)	27.192	..	N 38° E	2.8	40.8	(m) 41.1	64.0	..	36.4	..	74.9	22.3	(m) 72	..	3.9	0	—1.3	0.12	—0.46	0.06
Pasni	30.017	..	N 31° W	5.5	59.8	(e) 56.7	75.9	..	57.3	..	82.6	47.0	(e) 82	..	3.3	2	+0.3	0.69	—0.28	0.46
Panigur (8,172)	26.501	..	N 71° E	5.1	43.7	(e) 42.0	63.6	..	40.5	..	78.5	29.4	(e) 80	..	3.4	1	..	0.26	..	0.26
Selatan (e)	28.306	..	N 39° W	4.0	40.0	(i) 39.6	59.3	..	36.4	..	65.6	27.8	(i) 79	..	3.8	2	..	0.34	..	0.23

N.B.—Elevations in italics indicate barometrical determinations.

(e) Aneroid.

(i) Mean of 22 days.

(u) Mean of 13 days.

(y) Mean of 9 days.

(z) Mean of 8 days.

(m) Mean of 21 days.

(l) Mean of 14 days.

(o) Mean of 19 days.

(a) Mean of 29 days.

(i) Mean of 25 days.

(d) Mean of 30 days.

TABLE B.—JANUARY 1922—concl'd.

Abstract of 8 hrs. observations.

Station and height of barometer above sea-level in feet.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Hill Stations excluding Kashmir and Baluchistan.																				
Parachinar (6,000) . . .	24.465	+0.007	Calm	0.5	31.8	32.6* (g)	40.4	-1.3	28.5	-0.2	53.6	23.5	87 (g)	..	4.4	5	+0.4	1.20	-1.06	0.36
Gherat (4,250) * . . .	25.783	+0.047	N 7° W	8.5	40.6	35.5 (w)	41.1	-8.3	37.1	-1.5	47.7	32.3	58 (w)	+1	0.8	2	-2.1	1.40	-1.22	0.70
Dresh (c) (4,500) . . .	25.181	..	E	2.6	32.1	32.7 (h)	40.2	-8.6	29.8	-0.8	51.5	24.6	81 (h)	..	4.1	2	-0.9	0.81	-0.11	0.30
Murree (6,333) . . .	23.964	-0.008	S 21° E	3.7	36.3	34.1 (s)	42.4	-1.0	33.9	-0.5	46.2	29.7	77 (s)	+15	4.8	4	-2.0	1.43	-2.56	0.80
Simsa (7,332) . . .	23.076	+0.019	..	..	37.8	34.1	43.2	-2.5	34.5	-0.6	51.9	29.4	67 (s)	..	5.8	11	+6.2	5.05	+2.26	1.48
Chakrata (6,922) . . .	23.377	..	N 67° E	7.1	38.5	35.2 (s)	46.6	-4.1	34.4	-1.5	55.7	27.9	66 (s)	+7	5.7	9	+3.7	5.41	+0.98	1.93
Mukteswar (7,592) . . .	22.797	-0.007	S 85° E	5.8	38.2	34.2 (d)	46.9	-2.0	32.9	-2.4	57.0	26.5	69 (d)	..	5.0	7	+3.1	3.24	+1.03	1.54
Darjiling (7,432) . . .	22.937	+0.011	W	1.9	39.7	37.2	48.2	+1.6	36.9	+2.2	56.9	32.6	81	0	5.4	2	+0.6	0.61	0	0.45
Kalimpong . . .	26.025	..	..	..	40.7	47.2	59.7	..	46.5	..	64.7	39.3	84	..	3.2	?	..	..	..	?
Shillong (4,920) . . .	25.206	+0.064	S 45° W	1.0	46.7	43.3	61.5	+0.9	41.3	+2.8	68.7	36.3	76	+6	2.6	2	+1.2	0.71	+0.34	0.48
Cherrapunji (4,309) . . .	25.710	+0.009	N 38° E	2.2	53.8	47.6	61.2	+1.8	48.0	+2.3	72.5	43.8	64	-8	1.7	3	+1.7	0.43	-0.11	0.18
Maymyo (3,546) . . .	26.443	-0.003	Calm	1.0	46.6	45.4	72.0	+1.2	42.2	+3.5	75.0	36.3	92	+4	1.8	0	-0.4	0	-0.11	0
Pachmarhi (3,528) . . .	26.488	-0.016	S 54° E	2.4	53.5	49.5	69.9	-1.8	47.9	+0.4	78.0	40.1	76	+15	2.6	4	+2.8	2.57	+2.02	1.40
Mount Abu (2,945) . . .	26.085	+0.008	N 20° W	3.3	55.7	45.5	64.0	-1.9	49.0	-2.0	70.2	37.9	43	0	1.7	0	-0.6	0	-0.28	0
Mercara (3,781) . . .	26.216	-0.006	N 67° E	3.0	62.0	60.0	78.3	+0.5	57.4	+0.4	82.6	50.0	89	+10	4.8	1	+0.7	0.38	+0.21	0.38
Ootacamund (7,327) . . .	23.029	+0.009	S 48° E	2.6	55.2	46.4	67.3	+2.4	43.4	+0.2	73.5	35.4	54	-2	4.6	1	-0.6	0.67	-0.76	0.44
Kodakanal (7,688) . . .	22.780	-0.019	N 75° E	7.2	55.5	45.7	65.6	+2.6	46.8	-0.3	71.4	42.3	51	-7	3.6	4	+0.3	4.43	+2.00	1.99
Extra India.																				
Trincomalee (99) . . .	29.820	-0.006	N 39° E	6.0	76.8	72.3	82.7	-0.7	75.6	+1.3	85.8	70.6	80	-5	5.3	6	-1.4	2.21	-3.37	0.89
Colombo (24) . . .	29.869	-0.016	N 27° E	4.1	72.3	70.0	88.3	+0.7	71.7	-0.5	93.1	67.4	89	+9	5.0	6	+1.2	2.47	-1.03	0.76
Hambantota (64) . . .	29.815	..	N 28° E	9.1	72.7	70.4	86.1	+1.3	71.9	-0.1	90.8	67.6	89	..	5.0	6	..	1.23	-2.12	0.45
Malcoy (7) . . .	29.918	+0.008	N 36° E	5.1	..	..	..	..	..	..	..	..	..	..	2.7	1	-1.5	0.70	-1.00	0.57
Anjini Divi (13) . . .	29.902	-0.025	N 20° E	3.5	81.5	74.4	88.8	+3.4	73.9	-0.3	91.4	67.1	70	-3	3.1	2	+1.2	1.01	+0.55	0.78
Yangtze (g) (5,760) . . .	24.292	-1.76	N 63° E	0.9	44.9	42.1	57.6	+0.1	42.9	+10.7	64.1	38.0	82	+4	6.1	4	+1.3	1.22	+0.31	0.46
Kashgar (c) (4,255) . . .	25.559	-1.51	N	0.2	18.1	..	37.7	+4.8	14.2	+2.4	46.3	10.2	..	..	4.4	0	-0.9	0	-0.19	0
Mashed (3,104) . . .	26.001	..	N 45° W	1.6	31.9	34.1 (s)	48.6	+5.0	28.8	+6.5	60.9	23.0	90 (s)	..	4.7	6	+4.1	1.93	+1.22	0.61
Jask (13) . . .	30.043	+0.002	N 22° E	9.1	63.8	58.5	77.4	+3.6	62.3	+1.7	80.3	57.1	71	-1	1.2	1	-1.2	0.23	-0.66	0.23
Muscat (20) . . .	30.042	-0.019	N 73° W	7.4	68.3	63.7	77.8	+4.8	66.4	-0.7	83.4	62.8	77	+9	3.5	0	-1.9	0.17	-0.91	0.09
Bushire (14) . . .	30.063	-0.004	N 8° E	6.2	56.4	53.4 (y)	65.9	+1.5	53.6	+2.2	76.2	47.9	81 (y)	-4	5.5	4	-0.3	1.36	-1.28	0.56
Isfahan (c) (6,317) . . .	24.182	-0.007	N 25° W	1.4	31.8	34.8	53.4	+6.1	28.0	+4.2	62.4	22.2	70	-7	0.3	0	-1.9	0.09	-0.58	0.08
Tehran (c) (4,002) . . .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Baghdad (125) . . .	29.957	-0.061	S 32° W	3.6	46.6	44.7	61.5	+2.0	45.3	+7.1	68.8	32.6	85	+10	6.3	3	+0.4	0.85	-0.29	0.55
Aden (94) . . .	29.897	-0.017	N 52° E	8.0	74.6	67.4	79.0	-1.1	72.3	-0.2	83.2	69.3	68	-8	6.4	0	-0.9	0	-0.36	0
Zanzibar (72) . . .	29.812	-0.028	N 23° E	7.4	81.6	76.0	86.9	+0.8	80.0	+0.6	90.0	77.8	76	-5	7.0	0	-5.3	0	-3.08	0

N.B.—Elevations in italics indicate barometrical determinations. (c) Aneroid. (d) Mean of 30 days. (g) Mean of 27 days. (h) Mean of 26 days. (i) Wind observations for 30 days.
 * Mean of 6 days. † Mean of 25 days. (s) Mean of 15 days. (w) Mean of 11 days. (y) Mean of 9 days.

TABLE B.—FEBRUARY 1922.

Abstract of 8 hrs. observations.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.					
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
I.—Burma.																					
Victoria Point . . .	29.725	..	N 40° E	6.0	79.4	75.1	88.6	..	75.4	..	94.6	73.1	81	..	✓	4.4	3	+2.7	1.09	+1.02	0.45
Bergui . . .	29.818	—0.36	S 50° E	4.5	76.6	74.0	87.6	—1.0	72.8	+3.0	91.9	67.7	88	+3		2.5	3	+0.2	1.21	—0.86	0.68
Tavoy . . .	29.871	—0.47	N 45° E	1.4	73.8	71.6	91.8 (c)	+0.6	69.8	+2.2	94.7	61.2	89	0		3.6	1	+0.1	0.27	—0.24	0.23
Moulmein . . .	29.826	—0.30	N 72° E	2.5	75.2	70.6	93.1	+1.5	69.5	+1.4	97.5	65.0	79	—5		2.2	0	—0.4	0	—0.17	0
Rangoon . . .	29.884	—0.23	N 17° E	3.6	70.5	66.3	92.5	0	68.1	+1.6	95.8	62.7	79	—5		5.0	0	—0.3	0.08	—0.17	0.08
Bassein . . .	29.883	—0.22	N 11° W	3.6	73.5	69.3	90.4	+0.5	64.2	—1.7	95.1	55.9	79	—8		2.2	1	+0.7	0.29	—0.02	0.29
Diamond Island . . .	29.846	—0.43	N 1° E	8.3	77.0	72.4	84.1	+0.1	74.4	+1.5	87.6	71.0	75	0		5.3	0	—0.2	0	—0.18	0
Toungoo . . .	29.728	—0.39	N 4° W	1.3	65.9	60.7	92.5	+2.1	59.1	—2.0	96.5	49.3	73	—11		1.2	0	—0.3	0	—0.19	0
Kyaukpyu . . .	29.886	..	N 24° E	0.7	70.7	69.2	80.6	..	64.0	..	83.5	55.9	92	..		4.5	0	—0.4	0	—0.13	0
Akyab . . .	29.890	—0.37	N 26° E	3.0	64.9	60.9	83.7	—0.8	59.2	—2.2	89.7	51.3	78	—6		0.7	0	—0.3	0	—0.13	0
Minbu . . .	29.741	—0.29	N 35° W	1.9	67.0	59.1	90.0	—0.5	57.3	—3.9	96.1	47.7	60	—5		0.4	0	—0.2	0	—0.08	0
Yamethin . . .	29.252	—0.17	..	..	66.2	58.8	90.4	—1.1	53.9	—1.2	97.1	51.0	62	—9		0.1	0	—0.4	0	—0.25	0
Mandalay . . .	29.671	—0.13	Calm	3.4	67.4	59.7	90.9	+1.0	58.3 (m)	—2.0	97.9	50.7	62	—7		1.0	0	—0.2	0	—0.07	0
Monywa . . .	29.659	—0.11	N 29° W	1.1	64.6	58.4	89.9	+2.7	60.0	—0.3	98.4	52.9	67	—7		0.3	0	—0.1	0	—0.02	0
Lashio . . .	27.115	0	Calm	2.0	55.1	51.3	79.5	+0.9	46.8	—2.1	85.5	39.5	76	—6		0.3	0	—1.0	0	—0.31	0
Bhamo . . .	29.566	0	Calm	0.4	55.6	54.4	82.8	+1.9	51.2	—1.6	90.2	42.6	92	+3		0.6	0	—1.3	0	—0.45	0
Myitkyina . . .	29.452	—0.19	N 28° E	2.0	58.4	55.8	80.6	+2.3	52.8	—0.9	87.3	44.8	84	—2		0.1	1	—1.4	0.16	—0.64	0.40
II.—Assam.																					
Dibrugarh . . .	29.595	—0.50	S 79° E	0.4	58.9	57.0	76.3	+4.1	54.5	+0.6	84.9	47.1	90	—2		3.3	2	—3.7	0.77	—1.50	0.54
Sibsagar . . .	29.624	—0.41	Calm	0.6	56.8	56.0	75.0	—2.2	53.6 (w)	+0.4	83.9	45.4	95	—2		8.2	0	—5.3	0.12	—1.87	0.06
Tezpur . . .	29.707	—0.26	N 65° E	1.2	59.5	57.3	79.1	+2.3	62.7 (w)	+6.5	88.6	58.5	87	—1		2.3	0	—2.9	0.13	—1.07	0.07
Gauhati . . .	29.767	—0.36	N 30° E	1.2	60.3	53.0	80.7	+3.0	54.3	+2.4	90.0	47.6	87	—2		5.7	1	—1.7	0.13	—1.30	0.13
Dhubri . . .	29.841	—0.17	N 76° E	3.3	61.5	58.8	80.0	+2.4	58.3	+2.8	87.4	51.9	85	+1		0.5	0	—1.5	0.06	—0.71	0.05
Silchar . . .	29.872 (g)	—0.14	N 72° E	1.3	65.3	60.2	84.8	+4.3	53.7	—1.6	92.6	47.2	73	—13?		0.4	0	—8.6	0.61	—2.12	0.01
Srimangal . . .	29.888	..	..	..	52.6	51.3	86.3	+3.7	45.5	—6.6?	94.4	38.6	91	+4		2.1	0	—2.7	0.06	—1.58	0.05
III.—Bengal.																					
Cox's Bazar . . .	29.888	..	N 75° E	1.5	64.8	61.9	83.5	..	57.8	..	89.2	50.3	84	..		1.2	0	—0.4	0	—0.10	0
Chittagong . . .	29.953	—0.25	N 64° E	2.4	62.9	59.9	83.7	+1.5	57.5	—1.2	92.2	49.5	83	0		1.4	0	—1.2	0	—1.04	0
Naokhal . . .	29.904	—0.19	N 41° E	2.1	66.3	63.2	83.5	+2.7	60.0	+2.7?	90.8	49.8	83	—2		2.7	0	—1.9	0	—1.25	0
Barisal . . .	29.918	—0.30	N 54° W	2.3	64.8	61.8	83.6	+2.1	58.6	—0.8	92.2	49.7	82	—1		1.9	0	—1.9	0.02	—1.09	0.02
Narayanganj . . .	29.912	—0.31	W	1.1	64.4	60.3	84.3	+2.7	58.6	+0.1	92.9	52.2	78	—5		0.9	0	—2.0	0.03	—1.33	0.03
Mymensingh . . .	29.881	—0.28	Calm	0.2	60.9	57.5	82.4	+3.8	56.9	+1.1	91.1	51.8	80	—3		0.7	0	—1.7	0.09	—0.90	0.09
Bogra . . .	29.872	—0.25	N 45° W	0.7	61.0	57.9	83.2	+3.3	54.8 (w)	+0.4 (w)	93.0	47.8	82	+4		0.7	1	—0.7	0.25	—0.60	0.25
Dinajpur . . .	29.811	—0.32	N 31° W	1.6	60.7	57.1	82.0	+2.7	57.4 (w)	+3.4 (w)	89.8	52.8	79	—1		0.9	1	—0.3	0.22	—0.38	0.20
Jalpaiguri . . .	29.661	—0.20	N 66° E	0.3	60.7	58.4	79.4	+3.2	57.2	+4.4	85.7	51.1	86	+1		0.7	0	—1.3	0.02	—0.71	0.02
Saugor Island . . .	29.939	—0.16	N	5.4 (j)	68.8	65.0 (g)	83.0	+2.1	62.7 (h)	—2.3 (h)	92.6	53.5	81 (g)	—5		1.4	0	—1.8	0.02	—1.11	0.02
Midnapore . . .	29.797	—0.24	N 6° W	1.8	67.4	67.3	89.1	+3.7	60.9	—0.2	99.4	51.9	52	—16		1.0	0	—1.9	0.04	—1.24	0.04
Calcutta . . .	29.929	—0.19	N 31° W	3.0	63.7	59.0	86.5	+4.5	59.3	—0.2	96.0	50.7	75	—6		1.0	0	—1.7	0	—1.14	0
Jessore . . .	29.925 (j)	—0.15	Calm	1.5	62.5	57.9	83.9	+1.7	55.1	—2.1	93.7	46.5	75	—6		0.7	0	—1.9	0	—1.40	0
Khulna . . .	29.934	..	N 35° W	2.5	64.9	60.4	85.9 (j)	..	57.2 (h)	..	95.7	48.1	76	..		1.9	0	..	0	..	0
Satkhira . . .	29.948	..	N 14° W	0.8	65.4	61.0	88.1 (j)	..	53.9 (h)	..	96.4	45.0	76	..		1.6	0	..	0	..	0

(i) = Mean of 22 days. (m) = Mean of 21 days. (h) = Mean of 26 days. (g) = Mean of 27 days. (i) = Mean of 25 days. (k) = Mean of 23 days. (w) = Mean of 11 days.
(j) = Mean of 24 days.

TABLE B.—FEBRUARY 1922—*contd.**Abstract of 8 hrs. observations.*

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
III.—Bergal—<i>contd.</i>																				
Burdwan	29.844 (g)	—032	N 45° W	1.3	65.4	57.4	87.4	+4.2	57.1	—1.5	97.6	50.2	59	—12	0.4	1	—0.8	0.25	—1.03	0.25
Asansol	29.512				65.0	55.9	86.1		56.3		96.9	47.3	55		1.1	2	+0.2	0.56	—0.41	0.37
Berhampore	29.899	—008	S 49° W	1.3	65.4	58.6	84.3	+2.9	56.8	+0.4	95.1	49.5	65	—15	0.7	1	—0.8	0.21	—0.72	0.21
IV.—Bihar and Crissa.																				
Balassore	29.905	—017	N	1.4	67.2	60.5	89.2	+4.6	58.8	—2.7	99.1	49.9	67	—10	1.8	1	—1.3	0.22	—1.26	0.22
Hukitola (False Point)	29.928	—009	N 19° W	5.6											2.7	0	—1.4	0	—1.00	0
Cuttack	29.875	—010	S 83° W	0.7	66.7	62.7	90.0	+0.8	61.7	—3.8	100.1	54.4	79	—1	2.9	1	—0.3	0.30	—0.39	0.30
Puri	29.941	+003	N 23° E	0.4	70.8	66.1	83.6	+0.6	66.6	—2.4	88.1	60.0	77	—4	2.1	0	—0.8	0	—0.70	0
Angul	29.486	+014	N 57° W	3.9	66.5 (n)	57.7 (n)	89.3 (n)	+2.1 (n)	59.0 (n)	—2.4 (n)	99.2 (n)	48.4 (n)	56 (n)	—20	0.8	0	—2.1	0	—1.55	0
Sambalpur	29.452	—020	N 6° W	1.4	61.8	55.6	85.9	—0.3	52.3	—7.0	96.8	44.5	65	—1	0.3	0	—1.7	0	—0.80	0
Chaitanya	29.184	—032	S	1.6	62.2	56.6	87.7	+3.2	57.0	—0.1	98.2	46.0	69	—7	0.3	0	—2.6	0	—1.60	0
Ranchi	27.784 (i)	—005	N 62° W	4.4	63.2	52.5	80.3	+3.2	57.3	+2.4	90.4	47.3	47	—13	1.1	1	—2.0	0.14	—1.60	0.12
Purnia	29.144	+003	S 85° W	1.6	66.4	55.6	87.0	+5.5	59.6	+2.0	98.1	50.5	48	—17	1.2	2	—0.9	0.46	—1.10	0.32
Baltonganj	29.232	—003	S 69° E	2.9	58.2	52.3	85.0	+6.0	49.6	—1.8	96.1	40.6	68	—7	0.9	0	—2.4	0.05	—1.17	0.04
Purnea	29.813 (h)	—034	S 79° W	1.8	58.9	55.6	81.8	+2.1	52.3	+1.0	89.3	44.6	81	—3	0.7	0	—1.3	0.04	—0.50	0.03
Monghyr	29.788		S 54° W	2.4	62.3	55.5	80.9		57.2		90.2	48.9	64		1.0	1	—0.6	0.44	—0.66	0.42
Darbhanga	29.783	—018	Calm	0.9	61.8	56.9	80.6	+4.0	53.1	—0.4	88.4	46.4	73	—6	1.4	1	—0.4	0.47	—0.08	0.44
Fusa	29.750		S 48° W	2.5	58.8	55.6	81.9		51.7		91.1	45.3	81		1.0	2	—0.1	0.45	—0.44	0.25
Patna	29.768	—013	S 51° W	3.1	63.9	56.3	80.4	+2.8	56.6	+2.8	90.4	47.6	61	—8	1.4	1	—0.5	0.14	—0.59	0.12
Buxar	29.705	—025	S 45° W	3.8	59.1	54.6	82.5	+4.2	54.8	+0.8	94.3	46.9	74	+8	1.6	1	—0.8	0.41	—0.32	0.34
Gaya	29.591	—007	S 62° W	1.9	68.1	57.1	84.2	+3.7	58.6	+2.8	94.9	50.2	47	—22	0.9	1	—0.8	0.20	—0.60	0.20
Naya Dumka	29.435	—033	N 45° W	1.6	65.8	55.7	84.2	+4.5	55.3	—0.5	94.7	46.8	51	—14	0.5	1	—0.9	0.17	—0.55	0.14
V.—United Provinces of Agra and Oudh.																				
Gorakhpur	29.690	—008	N 27° W	0.9	60.8	55.6	81.0	+3.6	53.4	+1.2	92.7	43.6	71	—1	0.7	0	—1.8	0	—0.57	0
Benares	29.692	—013	S 68° W	2.1	63.6	57.2	82.4	+3.0	53.8	+2.2	93.5	45.3	66	—9	1.1	0	—1.8	0.13	—0.56	0.05
Allahabad	29.674	+010	S 81° W	2.1	62.2	55.8	83.4	+3.9	54.4	+2.7	94.6	45.7	66	—2	1.5	1	—0.4	0.19	—0.36	0.14
Cawnpore	29.546	—002	N 69° W	1.7	59.1	58.5	80.6	+3.0	54.1	+3.2	90.8	46.5	68	—2	0.5	2	+0.3	0.61	—0.06	0.30
Lucknow	29.577	—020	S 45° W	1.1	59.0	53.6	82.3	+4.9	53.3	+2.6	92.9	45.0	69	0	1.1	2	+0.5	0.46	—0.17	0.28
Bahraich	29.527	—016	N 53° W	2.1	57.1	53.1	80.4	+4.1	52.2	+1.8	91.0	43.3	76	—1	0.6	3	+0.8	0.49	—0.49	0.22
Jaunsi (g)	29.131	—022	S 73° W	2.8 (h)	63.9	54.6	84.2	+3.5	55.5	—0.17	96.0	44.8	52	—4	1.6	1	—1.1	0.16	—0.31	0.14
Agra	29.412	—003	N 55° W	1.7	64.8	56.0	81.5	+3.8	55.2	+3.0	94.5	47.0	56	—7	1.5	0	—1.1	0.01	—0.48	0.04
Mainpuri	29.435	—009	N 48° W	0.9	58.1	53.2	81.8	+5.3	51.6	+2.1	93.6	42.3	71	+1	1.2	0	—1.6	0	—0.72	0
Bareilly	29.348	—028	N 45° W	0.8	57.6	53.3	76.7	+1.9	52.6	+3.0	88.0	43.7	74	—1	2.9	1	—0.8	0.24	—0.69	0.18
Roonkee	29.087	+001	N 45° W (g)	0.6	53.5	51.0	74.1	+1.3	49.6	+2.6	86.3	41.6	85	+6	3.3	2	—0.7	0.50	—1.03	0.26
VI.—Panjab.																				
Delhi	29.233	—007	N 47° W	1.6	58.5	52.7	76.0	+1.2	55.6 (k)	+3.3	86.8	48.6	66	+3	2.7	0	—1.7	0.02	—0.78	0.02
Hissar	29.248	+008	N 40° W	4.3	55.2	49.3	78.7	+4.2	49.3	+2.7	89.1	41.9	64	—7	2.4	0	—1.1	0.09	—0.29	0.09
Patiala	29.102	—024	N 8° W	2.8	55.2	51.3	75.7	+4.5	51.0	+3.7	86.6	43.2	77	+2	3.2	1	—1.3	0.40	—1.04	0.40
Ambera	29.039	—006	N 4° E	2.7	55.1	50.8	76.5	+4.7	50.4	+3.5	86.0	43.2	74	—6	4.0	3	—0.3	1.08	—0.83	0.75
Ludhiana	29.134	—003	N 66° W	0.4	52.4	48.9	75.0	+4.4	48.9	+1.3	86.7	40.4	78	+2	2.1	2	—0.7	0.74	—0.65	0.62
Lahore	29.267	—006	N 70° E	1.5	52.4	49.1	72.8	+0.7	48.0	+3.5	81.8	39.0	79	0	2.8	1	—1.3	0.34	—0.66	0.14
Sialkot	29.127	—001	N 21° E	1.1	52.3	50.9	71.3	+1.8	46.4	+0.5	79.7	38.3	91	+14	3.0	2	—1.1	0.45	—1.24	0.27

(g) = Mean of 20 days.

(h) = Mean of 25 days.

(k) = Mean of 26 days.

(g) = Mean of 27 days.

(k) = Mean of 21 days.

TABLE B.—FEBRUARY 1922—contd.

Abstract of 8 hrs. observations.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
VI.—Punjab—contd.																				
Rawalpindi	28.267	—014	N 62° W	1.5	49.4	46.9	66.9	+2.1	44.1	+2.9	72.7	36.0	83	+4	2.6	4	+0.1	2.66	+0.31	1.12
Khrushab	29.386	+007	N 63° E	1.2	51.7	47.0	72.3	+1.8	42.6	—3.1	79.2	33.2	75	+9	2.8	1	—1.2	0.10	—0.89	0.10
Lyallpur	29.366	..	N 39° W	1.7	48.6	46.3	73.1	..	44.3	..	80.3	38.0	83	..	3.6	1	—0.7	0.23	—0.46	0.18
Montgomery	29.412	—011	N 41° E	1.7	52.6	48.1	73.5	+1.0	47.0	+2.5	80.2	39.0	71	+7	1.9	0	—1.5	0.13	—0.38	0.06
Mukna	29.577	+008	N 8° W	1.0	53.7	49.6	74.2	+0.6	49.9	+2.0	81.3	42.5	74	+9	2.5	1	—0.3	0.17	—0.21	0.06
VII.—North-West Frontier Province.																				
Peshawar	28.891	—003	S 28° E	1.0	48.7	46.4	65.2	—0.5	44.7	+2.2	74.3	37.1	83	+11	4.8	4	+0.8	2.89	+1.45	1.12
Dera Ismail Khan . .	29.430	+005	N 27° W	1.4	51.9	46.3	70.6	—1.0	47.4	+3.1	78.2	39.4	65	—4	2.2	0	—1.8	0.08	—0.63	0.64
VIII.—Sind.																				
Jacobabad	29.816	+003	N 30° W	1.9	58.5	49.6	73.8	—4.0	49.3	+1.6	79.9	41.8	50	—6	1.3	1	0	0.10	—0.25	0.10
Hyderabad	29.898	—007	N 11° W	1.1	59.3	52.2	81.5	+1.0	54.5	+0.5	88.0	48.3	59	+3	0.5	1	+0.4	0.14	—0.16	0.11
Karachi	29.979	—018	N 33° E	5.8	64.9	59.1	79.2	+1.0	61.1	—0.4	85.0	56.2	69	+3	1.4	1	—0.1	0.17	—0.27	0.11
IX.—Rajputana.																				
Bikaner	29.194	+006	S 73° E	3.4	57.9	48.9	80.7	+5.0	51.9	—0.5	92.0	40.5	50	—2	2.5	0	—0.8	0.05	—0.28	0.05
Jodhpur	29.178	—005	N 42° E	3.7	61.8	48.5	84.3	+4.3	57.0	+4.0	93.5	44.3	31	—11	2.3	0	—0.6	0.03	—0.17	0.03
Jaipur	28.530	+004	N 15° E	3.2	62.5	51.2	82.1	+4.1	54.7	+3.3	91.5	39.7	43	—10	2.0	0	—0.8	0	—0.32	0
Ajmer	28.317	—031	N 31° E	1.8	54.7	47.2	80.4	+3.1	52.0	+2.4	90.4	39.4	56	—6	0.8	0	—0.8	0	—0.28	0
Kotah	29.104	—026	N 21° E	0.3	64.9	53.1	85.9	+4.4	57.6	+2.5	95.8	48.6	41	—6	0.5	0	—0.6	0	—0.36	0
X.—Bombay.																				
Deesa	29.493	—007	N 71° E	(g) 4.7	64.8	53.3	89.6	+3.4	55.7	+1.2	95.3	46.7	43	+2	0.7	0	—0.4	0	—0.15	0
Bhuj	29.624	—020	N 57° W	3.1	65.9	57.9	84.4	+0.7	53.7	—3.8	90.2	45.1	59	—2	0.6	0	—0.4	0	—0.16	0
Jamnagar			N 26° E	5.1	66.1	59.0	84.2	+2.1	56.8	+1.0	87.9	48.4	63	0	0.1	0	—0.3	0	—0.13	0
Dwarka	29.942	—032	N 4° E	7.4	63.9	63.1	80.6	+2.5	64.7	+2.7	88.4	56.4	71	+1	0.6	0	—0.6	0	—0.39	0
Rajkot	29.504	—044	N 37° W	4.3	63.4	56.5	87.6	+1.0	55.4	+1.4	95.8	46.0	63	+7	1.4	0	—0.3	0.04	—0.11	0
Veraval	29.939	—014	N 5° W	6.3	67.0	60.9	80.5	—1.0	62.2	+1.6	87.6	58.3	68	+11	0.3	0	—0.2	0.04	—0.01	0.04
Bhavnagar Para . . .	29.915	—010	N 53° W	0.7	66.5	55.4	88.9	+2.3	58.7	+0.8	95.6	47.2	45	—7	0.4	0	—0.3	0	—0.10	0
Surat	29.916	—016	N 37° E	1.0	69.6	60.9	90.3	+0.7	63.0	+3.9	95.2	53.6	58	—4	0.5	0	—0.2	0	—0.07	0
Ahmadabad	29.808	—008	N 36° E	3.4	67.4	55.9	88.2	+0.8	61.8	+2.3	95.2	55.1	45	0	0.6	0	—0.3	0	—0.10	0
Bombay	29.889	—031	N 45° E	6.8	72.9	66.3	84.8	+2.0	70.0	+1.6	89.4	62.4	69	—2	0.9	0	—0.1	0	—0.04	0
Ratnagiri	29.681	—045	N 59° E	7.1	76.1	66.3	88.1	+2.1	70.3	+2.2	95.8	61.4	57	—8	0.5	0	—0.1	0	—0.02	0
Marmagao	29.842	—021	N 64° E	5.0	74.2	70.7	86.8	+2.0	71.8	+1.0	90.0	66.5	83	+1	3.7	0	—0.1	0	—0.02	0
Karwar	29.876	—013	Calm	1.7	70.9	67.8	89.6	+3.0	67.9	+0.9	92.5	63.1	85	+2	0	0	0	0	—0.01	0
Malegaon	28.493	—018	S 56° W	3.0	67.1	53.9	91.7	+2.0	57.1	+2.3	98.3	42.2	38	—8	0.9	1	+0.8	0.16	+0.09	0.16
Ahmadnagar	27.787	—006	N 25° W	3.9	70.2	55.6	89.6	+1.3	59.1	+4.0	96.7	45.8	35	—15	0.5	1	+0.7	0.12	—0.03	0.12
Poona	28.080	—004	N 60° E	2.0	68.4	56.8	91.1	+0.2	57.8	+1.6	97.2	46.7	(x) 52	+1	0.5	2	+1.9	0.41	+0.37	0.23
Sholapur (x)	28.338	—003	S 41° E	(g) 4.6	73.4	58.0	91.5	+1.7	63.0	+0.8	97.7	53.7	36	—2	0.3	0	—0.1	0	—0.05	0
Bijapur	27.967	—010	S 8° E	3.2	73.7	60.8	89.4	+1.6	64.5	+0.9	94.7	54.4	46	—7	0.8	0	—0.3	0	—0.06	0
Belgaum	27.383	—002	N 68° E	2.6	68.2	59.1	88.0	+0.3	60.5	+1.1	92.2	54.4	56	+8	2.8	1	+0.9	0.73	+0.70	0.73

(g) = Mean of 26 days.

(x) = Mean of 27 days.

TABLE B.—FEBRUARY 1922—contd.

Abstract of 8 hrs. observations.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
XI.—Central India.																				
Neemuch	28-816	—015	N 76° E	2.7	67.6	57.1	83.8	+3.2	54.1	+2.5	91.7	41.8	51	+4	0.7	0	—0.4	0	—0.20	0
Indore	28-107	—014	N 52° E	1.5	67.9	56.8	87.2	+4.4	56.2	+4.3	95.1	42.3	47	—2	0.3	0	—0.5	0	—0.17	0
Nowgong	29-192	—016	S	1.2	60.6	53.7	82.7	+3.2	52.2	+1.4	93.5	42.6	61	—4	0.7	1	—0.1	0.18	—0.33	0.10
Sutna	28-896	—010	S 73° W	1.1	61.5	53.6	81.1	+2.0	54.1	+2.0	92.3	44.8	58	—1	0.9	2	+0.3	0.40	—0.34	0.30
XII.—Central Provinces.																				
Buldana			N 59° W	4.5	71.2	57.2	86.2	+0.3	63.1	+1.2	95.0	51.4	39	..	1.7	1	+0.5	0.35	+0.09	0.35
Akola	29-012	—001	N 67° E	3.1	68.5	56.1	93.1	+2.6	60.2	+3.1	102.0	43.8	41	—2	0.2	0	—0.5	0	—0.24	0
Amraoti	28-718	—003	N 61° E	4.2	71.6	56.3	91.0	+1.3	63.7	+2.0	99.1	54.2	33	—13	1.6	1	+0.4	0.36	+0.07	0.35
Khandwa	28-888	—011	N 78° E	3.2	66.5	56.5	91.4	+2.9	57.5	+1.9	100.6	42.1	50	+7	1.7	3	+2.7	0.41	+0.20	0.15
Hoshangabad	28-946	—004	N 61° E	1.6	62.8	54.8	86.9	+1.8	57.4	+2.0	96.7	45.2	56	+1	1.0	1	+0.1	0.23	—0.11	0.23
Saugor	28-080	—050?	S 45° E	3.8	64.8	52.6	84.6	+1.1	59.5	+4.3	94.4	46.4	42	—5	1.3	1	—0.1	0.16	—0.26	0.14
Jubbulpore	28-593	—016	S 47° E	1.4	61.0	53.2	83.6	+1.9	54.6	+2.6	93.9	43.9	58	—7	1.6	1	—0.7	0.16	—0.65	0.11
Seoni	28-916	+011	N 9° E	2.0	65.3	54.6	84.4	+0.8	56.2	+1.2	93.6	45.7	48	—9	1.4	1	—1.0	0.84	—0.04	0.84
Nagpur	28-933	+015	N 55° E	3.4	69.8	56.4	90.6	+1.8	59.7	+0.1	99.0	48.9	38	—12	1.3	0	—1.3	0.05	—0.47	0.05
Pendra	27-899	+015	N 45° E	3.3	66.5	55.6	84.1	+5.9	59.3	+2.3	94.3	43.8	48	—8	3.5	0	—3.4	0	—1.80	0
Raipur	28-963	—006	E	1.3	68.1	56.7	88.0	+1.5	61.6	+0.9	97.9	50.3	46	—9	0.1	0	—1.5	0	—0.75	0
Chanda	29-307	—004	N 24° E	1.2	70.0	59.2	90.8	—0.3	57.7	—1.4	99.3	46.0	49	—9	0.6	0	—1.1	0	—0.60	0
Jagdalpur	28-120	..	S 48° E	1.2	65.2	57.4	87.8	..	55.2	..	96.0	45.1	62	..	0.9	0	—1.2	0	—0.88	0
XIII.—Hyderabad.																				
Aurangabad	28-636	—013	N 61° E	5.8	70.4	54.9	89.8	+0.9	63.2	+5.1	96.2	52.2	32	—6	0.9	1	+0.7	3.34	+0.20	0.34
Nizamabad	28-687	?	S 68° E	1.4	72.1	60.1	90.6	—0.1	66.5	—0.5	98.9	47.3	47	—8	1.5	0	—1.0	0	—0.53	0
Gulbarga	28-418	—005	N 75° E	4.3	69.9	56.8	93.1	+0.6	63.0	—0.9	98.6	52.9	44	—6	0.3	0	—0.5	0	—0.17	0
Raichur	28-608	+015	S 77° E	5.7	73.7	61.1	91.9	—0.3	67.8	—0.4	97.8	61.5	46	—7	1.1	0	—0.5	0	—0.23	0
Hyderabad (Deccan)	28-222	+015	S 31° E	2.9	70.3	61.7	87.5	—2.7?	63.1	—0.9	95.4	54.6	61	—4	1.6	0	—0.7	0	—0.36	0
Hanamkonda	29-064	+012	S 35° E	2.8	73.2	63.2	89.6	—0.5	64.3	—1.8	99.0	53.7	56	—11	1.8	0	—0.7	0	—0.34	0
XIV.—Mysore.																				
Chitaldrug	27-522	—005	S 69° E	4.4	72.8	65.3	88.3	—1.2	66.1	+0.4	92.7	58.8	66	+13?	0.6	0	—0.2	0	—0.08	0
Hassan	26-821	—001	S 58° E	3.2	70.6	61.5	87.0	+0.3	59.1	+1.2	91.2	54.6	59	—10	1.7	0	—0.3	0	—0.12	0
Bangalore	26-912	—009	N 83° E	6.1	67.1	58.9	86.3	+0.3	59.3	—0.7	90.5	54.8	61	—10	2.4	0	—0.2	0.08	—0.08	0.03
Mysore	27-409	—023	N 57° E	4.9	71.2	62.9	87.9	—1.1	63.4	—0.1	93.0	59.1	62	—7	2.0	0	—0.4	0	—0.12	0
XV.—Madras.																				
Mangalore	29-835	—030	S 88° E	4.9	79.2	72.7	89.9	+1.4	72.9	+1.4	95.2	68.1	72	0	1.8	0	—0.1	0	—0.02	0
Calicut	29-870	—023	S 67° E	4.4	77.0	73.2	88.2	—0.2	73.9	+1.1	90.6	70.6	82	+3	4.9	0	—0.2	0	—0.17	0
Cochin	29-893	—015	N 81° E	3.9	78.3	72.3	90.2	0	74.5	+0.5	95.1	71.5	74	—1	3.9	2	+0.8	1.84	+1.01	0.97
Trivandrum	29-699	—002	N 39° E	2.6	76.1	72.3	84.9	—0.4	73.7	—0.3	87.0	71.0	82	+5	4.6	3	+1.9	2.56	+0.93	1.30
Pamban	29-871	—024	N 17° E	6.8	77.7	74.8	83.7	—1.0	75.1	+0.8	84.8	74.0	87	+7	4.3	4	+2.8	3.97	+3.15	2.20
Madura	29-459	—015	N 11° E	4.9	74.5	69.3	89.6	—2.3	69.5	—0.4	93.0	62.9	76	0	5.2	2	+1.3	0.27	—0.13	0.12
Pudukkottai	29-616	+009.	N 51° E	4.2	73.3	68.3	89.6	—1.9	68.8	—0.3	99.0	60.9	79	—2	2.3	2	+1.2	0.40	+0.02	0.21
Negapatam	29-901	—005	N 10° W	8.2	75.5	70.7	83.4	—1.4	71.8	—0.9	86.0	66.2	78	0	5.5	2	+1.2	1.36	+0.68	0.72

TABLE B.—FEBRUARY 1922—contd.

Abstract of 8 hrs. observations.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
XV.—Madras—contd.																				
Trichinopoly	29.684	—006	N 21° E	2.8	75.5	70.5	91.5	—0.8	68.7	—0.1	96.1	59.2	77	—1	3.4	0	—0.7	0.10	—0.51	0.06
Coimbatore	28.581	—012	N 51° E	2.6	73.6	67.8	88.5	—3.2	65.3	—0.6	93.0	59.3	74	—8	3.5	1	+1.4	3.55	+3.23	2.55
Salem	29.013	—007	N 43° E	4.4	72.3	66.2	91.9	—1.7	65.4	—0.8	96.5	56.6	72	—3	2.7	0	—0.6	0	—0.28	0
Cuddalore	29.908	0	N 23 W	4.9	73.7	70.1	83.9	—1.8	68.4	—1.5	90.6	61.5	83	—4	4.3	1	—0.3	0.32	—0.66	0.26
Vellore	29.248	+005	Calm.	2.0	69.1	64.8	89.0	0	63.4	—3.3	95.2	55.0	78	—4	3.0	0	—0.6	0	—0.26	0
Madras	29.919	—012	N 59° W	3.6	74.7	70.3	80.8	0	67.7	—0.8	94.1	61.1	80	—3	2.7	0	—0.6	0	—0.30	0
Cuddapah	29.503	—002	S 49° E	..	76.1	67.0	83.8	—1.2	67.9	—1.4	100.0	62.3	61	—6	1.4	0	—0.2	0	—0.12	0
Bellary	28.444	—003	S 16° E	2.7	73.5	68.8	92.8	—1.4	65.6	—0.3	98.8	60.2	58	+4	1.5	0	—0.2	0	—0.08	0
Kurnool	28.999	0	N 62° E	2.9	71.6	63.5	94.0	—0.1	65.5	+0.6	99.4	60.2	62	+1	0.7	0	—0.2	0	—0.14	0
Nellore	29.874	—007	N 10° E	1.3	72.9	68.6	88.5	—1.6	67.7	—1.6	95.7	64.1	80	—5	2.1	0	—0.4	0	—0.13	0
Masulipatam	29.946	—004	N 35° E	3.8	73.3	69.1	87.1	+0.4	66.2	—2.4	94.5	63.2	80	—6	1.3	0	—0.5	0	—0.42	0
Cocanada	29.933	—006	N 9° W	5.5	74.6	67.1	87.5	+1.9	68.4	—1.3	97.9	64.2	66	—11	1.8	0	—0.5	0.01	—0.33	0.01
Waltair (Vizagapatam)	29.918	—002	N 55° W	5.4	74.7	66.8	86.6	+3.0	69.7	—1.4	97.7	65.3	65	—8	2.4	0	—0.8	0	—0.80	0
Calicut	29.036	..	N 57° W	4.3	70.5	64.4	89.8	..	64.5	..	100.4	58.8	70	..	1.5	0	—0.6	0	—0.15	0
Gopāpur	29.902	+002	N 1° E	5.1	72.7	63.9	84.3	+1.1	64.2	—3.1	92.5	54.1	60	—18	0.5	0	—1.0	0	—0.49	0
Bay Stations.																				
P. V. Fraser	(b) 29.953	..	N 38° W	..	74.7	(n) 70.8	..	..	..	..	..	..	(n) 82	..	(n) 0.1	0	—0.8	0	—0.54	0
Port Blair	29.802	—056	N 3° E	4.3	77.4	74.1	85.2	—2.7	73.8	—1.3	83.0	71.1	85	+1	4.0	4	+2.7	1.35	+0.40	0.60
Table Island	29.755	—077	N	(n) 10.1	77.5	72.1	82.2	—2.2	75.8	+0.5	84.5	72.0	76	—2	0.9	0	—0.3	0	—0.14	0
Kashmir.																				
Muzaffarabad	27.594	..	S 45° W	1.3	46.3	44.3	63.0	..	43.3	..	76.9	34.5	87	..	5.1	5	—1.5	4.63	—0.44	1.92
Srinagar	24.935	+014	S 18° E	1.9	38.9	37.3	50.7	+7.2	31.5	+6.1	63.3	29.1	83	—1	7.9	4	—2.4	0.95	—1.93	0.25
Gulmarg . . . .	..	..	..	..	..	..	..	Closed	for the	winter	months.	..	..	..	..	..	..	..	..	..
Dras	20.778	+052	S 72° W	1.0	6.1	..	21.7	—1.4	—0.8	+10.0	33.8	—27.9	..	..	7.5	11	+3.6	4.99	+2.35	1.45
Leh	19.646	+055	N 34° E	1.4	18.2	..	36.1	+3.6	13.8	+4.0	46.5	3.4	(x) 78	..	5.7	1	+0.2	0.19	—0.13	0.14
Skardu	22.894	+004	S 13° E	1.8	23.7	(x) 32.3	36.9	—1.3	20.0	+1.2	49.1	4.1	(k) 78	..	7.1	2	—0.5	1.03	+0.28	0.65
Gilgit	25.236	+049	S 45° W	0.5	41.6	(k) 37.7	52.5	+1.1	38.2	+1.7	63.6	29.8	(k) 62	+7	8.1	2	+1.2	0.88	+0.67	0.47
Baluchistan.																				
Fort Sandeman	25.439	..	S 77° E	3.3	37.8	(g) 36.0	59.5	..	34.3	..	68.7	28.0	(g) 74	..	2.9	1	—2.2	0.42	—0.65	0.29
Quetta	24.626	—003	S 15° E	3.1	34.1	(m) 36.3	58.4	+0.5	31.0	—0.2	64.1	22.3	(m) 76	+1	3.0	5	+0.4	1.31	—0.64	0.42
Chaman	25.678	—037	S 55° E	5.3	41.9	(k) 38.2	55.6	—1.8	37.2	+0.7	68.8	26.1	(k) 60	—5	4.3	4	—0.1	2.21	+0.69	0.91
Kalat	23.065	..	S 16° W	5.1	31.5	(*) 34.8	53.4	+0.2	26.9	..	64.2	15.2	(*) 65	..	2.7	3	—0.3	1.39	+0.23	0.58
Dalbandin	27.133	..	N 51° E	4.5	44.1	(f) 41.8	66.6	..	39.3	..	79.6	24.2	(f) 61	..	3.1	1	—1.7	0.92	—0.54	0.92
Pasni	29.975	..	N 30° W	6.8	60.4	(b) 57.0	76.9	..	57.1	..	80.3	52.2	81	..	2.6	1	—1.6	0.26	—2.45	0.26
Panjgur	26.767	..	N 51° E	6.0	44.6	(k) 42.3	67.6	..	41.1	..	84.2	30.8	(k) 77	..	1.9	1	..	1.01	..	0.95
Seistan (c)	28.236	..	N 16° W	5.1	40.2	(k) 39.8	61.3	..	36.4	..	77.8	27.2	(k) 81	..	2.6	3	..	1.78	..	1.09

(b) = Mean of 26 days. (x) = Mean of 2 days. (*) = Mean of 5 days. (g) = Mean of 21 days. (m) = Mean of 15 days. (f) = Mean of 22 days. (k) = Mean of 23 days.
 (c) = Aperiod. (n) = Mean of 27 days.

TABLE B.—FEBRUARY 1922—concl'd.

Abstract of 8 hrs. observations.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Hill stations excluding Kashmir and Baluchistan.																				
Parachinar . . .	24.441	+0.024	N 57° W	0.7	36.7	35.4 ^(m)	52.2	+2.0	31.9	+1.6	61.0	23.5	75 ^(m)	+2	5.4	0	+1.2	4.16	+2.01	1.00
Cherat (u) . . .	25.775	+0.068	N 5° E	5.8	42.4	37.9 ^(p)	42.7	-6.5	38.7	+0.3	47.7	32.3	86 ^(p)	+30?	0.3	4	-0.6	2.40	-0.04	1.10
Droah (c) . . .	25.122		N 72° E	2.6	36.0	34.9 ^(b)	45.0	-4.2	33.7	+1.0	54.0	27.8	76 ^(b)	+5	5.4	8	+4.8	4.33	+3.20	2.25
Murree . . .	23.959	+0.010	S 46° E	3.7	42.5	39.0 ⁽ⁱ⁾	47.1	0	39.6	+5.8	56.8	30.9	70 ⁽ⁱ⁾	+6	5.0	3	-3.1	0.99	-3.22	0.43
Simla . . .	23.101	+0.070			45.3	37.3 ^(h)	51.1	+4.9	40.4	+5.1	58.1	29.2	41 ^(h)	-15	4.8	3	-2.9	1.33	-1.96	0.73
Chakrata . . .	23.392		N 67° E	7.8	44.8	38.3 ⁽ⁿ⁾	56.5	+5.4	39.0	+4.1	65.9	28.8	53 ⁽ⁿ⁾	-10	3.8	4	-2.0	3.95	-0.62	2.87
Mukteswar . . .	22.814	+0.020	N 82° W	6.2	44.6	36.5	54.5	+4.6	39.5	+4.3	65.0	29.3	36	-23	3.7	1	-3.8	1.97	-0.72	1.85
Darjeeling . . .	22.925	+0.022	N 45° W	0.5	42.8	41.1 ^(*)	50.0	+2.5	39.4	+3.9	60.9	32.1	88	+5	5.7	0	-2.6	0.06	-1.05	0.06
Kalimpong . . .	25.989		W	6.6	54.5	51.0	64.5		51.4		70.6	43.5	79		3.6	?	?			?
Shillong . . .	25.168	+0.051	S 53° W	1.4	50.1	44.8	64.7	+2.6	44.9	+3.4	74.1	35.9	67	-1	1.4	1	-1.8	0.19	-1.21	0.11
Cherrapunji . . .	25.079	-0.007	S 45° W	3.0	57.4	49.5	64.7	+3.8	50.2	+3.0	72.5	42.5	58	-10	0.7	0	-3.5	0.12	-2.98	0.08
Maymyo . . .	26.403	-0.023	S 66° W	1.3	47.5	48.7	75.3	+0.3	41.9	-1.0	82.6	31.6	88	+5	0.1	0	-0.6	0	-0.17	0
Pachmarhi . . .	26.477	+0.003	S	2.3	60.4	52.5	73.1	+2.9	52.3	+1.5	88.0	39.1	60	+10	1.2	3	+1.5	0.78	+0.43	0.32
Mount Abu . . .	26.058	+0.004	S 33° W	3.7	61.9	49.2	70.8	+3.1	54.8	+1.7	76.6	44.4	38	-1	1.0	1	+0.4	0.25	-0.06	0.25
Mercara . . .	26.212	-0.006	N 70° E	2.0	65.1	64.0	81.5	+0.3	53.7	-0.2	84.4	55.0	94	+2	3.0	1	+0.6	0.12	-0.05	0.12
Ootacamund . . .	23.022	-0.003	S 43° E	2.6	55.9	47.4	63.2	+1.5	43.8	-0.5	73.5	37.2	55	+4	3.5	1	+0.1	0.16	-0.38	0.14
Kodaikanal . . .	22.770	-0.033	N 62° E	7.2	53.4	46.0	65.0	-0.5	46.4	-1.6	71.1	40.3	61	+5	3.7	4	+1.9	1.53	+0.17	0.61
Extra India.																				
Trincomalee . . .	29.806	-0.010	S 87° E	5.5	76.2	73.0	84.4	-1.0	75.0	+0.3	88.6	71.6	96	0	6.0	6	+3.6	3.46	+1.53	0.90
Colombo . . .	29.860	-0.024	N 33° E	3.3	72.4	71.1	87.5	-1.1	72.0	-1.0	90.0	87.7	94	+15	6.0	4	+0.5	2.24	+0.19	1.32
Hambantota . . .	29.800		N 8° E	8.0	72.7	70.5	86.3	+0.3	72.0	0	88.6	67.7	89		4.3	5	1.63	+0.12	0.60	
Minicoy . . .	29.904	0	N 30° E	1.2											3.1	3	+1.9	2.23	+1.60	1.01
Amni Divi . . .	29.888	-0.034	N 14° E	4.4	82.2	75.0	90.6	+4.2	75.7 ^(g)	-0.2	95.4	70.5	70	-3	3.1	0	-0.1	0	-0.05	0
Gangtok . . .	24.251	-188	N 74° E	1.7	48.1	45.5	63.1	+4.0	49.7	+14.8	71.9	44.2	83	+4	5.2	3	-2.8	0.52	-2.19	0.25
Kashgar (c) . . .	25.449	-221	N 27° W	0.4	27.7	(d)	48.3	+4.9	23.1	+4.3	58.8	14.8	(d)		6.1	0	-0.5	0	-0.20	0
Mashed . . .	25.918		N 40° W	2.3	25.2	36.3	47.0	+0.2	25.4	-2.8	65.4	14.0	94	+11	3.9	5	+2.9	4.31	+3.40	2.34
Jask . . .	29.974	-0.019	N 30° E	9.9	63.6	59.3	76.4	+1.6	61.4	-0.6	80.5	57.3	70	-6	2.1	3	+1.1	1.76	+0.85	1.00
Muscat . . .	29.979	-0.032	N 71° W	7.4	69.0	63.2	79.1	+5.2	66.6	-0.9	89.8	61.9	71	+2	2.3	1	-0.7	0.25	-0.63	0.25
Bushire . . .	29.989	-0.015	N 3° E	7.5	57.0	53.1	66.0	+0.5	53.1	+0.2	74.2	45.4	76 ^(f)	-6	3.7	2	-1.6	0.79	-1.14	0.34
Ispahan (c) . . .	24.098	-0.087	N 45° W	2.5	31.8	(e)	51.5	-2.4	28.1	-0.6	64.4	21.2	76 ^(e)		1.0	1	-0.4	0.49	+0.09	0.22
Tehran (c) . . .	25.629	-213	N 30° E	2.6	32.2	35.7	44.0	-6.9			59.0		81		6.1	10	+7.0	4.76	+3.78	0.97
Baghdad . . .	29.946	+0.022	N 79° W	4.6	46.6	43.9	61.8	-4.0	43.4	+0.4	69.1	34.7	79	+8	3.8	3	+0.5	1.53	+0.22	0.66
Aden . . .	29.851	-0.035	N 45° E	5.6	75.0	68.8	79.9	-1.1	72.5	-0.8	83.7	60.7	71	-6	6.0	0	-0.4	0	-0.21	0
Zanzibar . . .	29.818	-0.025	N 27° E	5.0	82.4	76.4	87.7	+0.8	80.0	+0.1	90.9	73.9	75	-4	5.9	0	-3.5	0	-2.23	0

(u) Mean of 13 days with the exception of rainfall.

(c) Aneroid.

(m) Mean of 15 days.

(e) Mean of 12 days.

(p) Mean of 18 days.

(b) Mean of 26 days.

† Mean of 7 days.

(i) Mean of 25 days.

(h) Mean of 26 days.

* Mean of 12 days.

(n) Mean of 20 days.

(g) Mean of 19 days.

(d) Mean of 9 days.

(g) Mean of 27 days.

TABLE B.—MARCH 1922.

Abstract of 8 hrs. observations.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
I.—Burma.																				
Victoria Point	29-721	..	N 54° E	5-2	79-2	75-1	87-1	..	75-0	..	96-1	70-3	83	..	5-5	13	+11-3	10-64	+9-67	3-67
Mergul	29-816	—007	S. 87° E	4-2	77-5	74-3	87-5	—3-5	75-8	+0-2	93-4	68-2	86	+3	3-0	7	+2-7	2-22	—0-67	6-57
Tavoy	29-863	—025	N 45° E	1-9	77-4	74-0	92-5	—0-6	72-7	+2-1	96-0	65-0	84	—2	4-5	3	+0-0	0-03	—0-59	0-29
Moulmein	29-814	—002	N 78° E	3-1	77-8	73-1	93-9	—0-2	73-1	+0-2	98-4	67-5	79	—1	2-6	4	+3-4	2-83	+2-41	2-32
Rangoon	29-865	—004	S 57° E	4-0	75-2	72-0	94-0	—2-1	72-0	+0-8	98-2	68-0	85	0	5-5	1	+0-4	1-25	+0-91	1-20
Basseln	29-855	—004	N 45° W	4-1	77-0	73-3	91-3	+0-2	67-9	—3-1?	98-4	63-2	83	—2	2-0	1	+0-8	0-25	+0-09	0-25
Diamond Island	29-828	—021	N 27° W	8-7	79-9	74-8	84-1	—1-0	76-1	+0-7	87-0	71-8	78	+1	5-7	0	—0-3	0	—0-20	0
Toungoo	29-695	—021	S 27° E	1-9	76-2	69-6	98-2	+0-8	67-9	—0-5	102-5	62-2	70	—4	2-3	0	—0-5	0-65	—0-30	0-05
Kyaukpyu	29-855	..	N 45° E	1-1	77-3	73-7	85-6	..	69-8	..	91-5	64-9	84	..	3-4	0	—0-6	0	—0-60	0
Akyab	29-849	—025	N 59° E	3-1	74-6	70-4	87-6	—1-0	69-7	0	92-8	57-5	81	—3	5-4	0	—0-8	0	—0-52	0
Minbu	29-671	—033	S 40° E	2-5	75-6	68-2	90-3	+0-8	70-2	+0-7	103-5	61-9	67	+10?	0-3	0	—0-4	0	—0-35	0
Yamethin	29-203	—011	..	..	76-5	66-9	98-1	0	70-5	+2-0	103-9	64-4	59	—3	0-5	0	—0-5	0	—0-40	0
Mandalay	29-596	—021	S 8° W	4-5	78-9	66-3	100-0	+2-3	70-2	+1-9	104-4	61-5	49	—5	2-4	0	—0-6	0-06	—0-16	0-06
Monywa	29-582	—018	N 2° E	1-7	75-4	64-4	99-0	+3-3	67-9	+0-9	102-6	60-3	52	—7	1-6	0	—0-9	0-04	—0-38	0-04
Lashio	27-078	—007	S 22° W	2-3	63-6	58-0	86-4	+0-4	57-2	+1-5	91-1	48-3	70	0	1-7	3	+1-7	0-60	—0-02	0-25
Bhamo	29-484	—016	N 37° E	1-0	66-2	62-8	89-6	+1-5	61-6	+2-0	93-8	51-0	82	+1	2-4	0	—2-0	0-14	—0-59	0-09
Myitkyina	29-339	—052	N 27° E	3-9	67-0	61-9	86-6	+1-7	62-1	+1-2	92-0	55-1	74	—5	2-2	1	—2-2	0-41	—0-54	0-33
IV.—Assam.																				
Dibrugarh	29-514	—036	S 67° E	1-1	65-7	63-2	80-4	+2-7	61-2	+1-0	88-1	51-5	87	+1	5-5	6	—2-7	2-94	—1-29	0-02
Sibsagar	29-527	—047	N 39° E	2-2	63-5	62-1	80-3	+1-5	60-6	+0-9	86-6	53-2	92	0	8-1	5	—4-3	4-10	—0-63	2-09
Tezpur	29-615	—018	N 70° E	4-2	67-4	62-6	86-1	+3-5	64-0	+2-4	91-5	53-7	74	—7	3-6	1	—4-0	0-42	—1-59	0-23
Gauhati	29-672	—031	N 58° E	2-0	68-0	63-8	89-2	+3-7	61-7	+2-7	95-3	49-6	78	—1	3-4	0	—4-5	0-03	—2-21	0-03
Dibubri	29-731	—025	N 70° E	5-0	69-8	63-6	88-9	+2-8	64-3	+1-6	97-2	52-8	70	—5	1-4	2	—0-6	2-50	+0-62	2-08
Silchar	29-791	—015	N 71° E	1-9	73-4	66-7	91-2	+5-1	63-7	+0-6	95-7	53-7	70	—11	3-2	5	—4-5	13-06	+5-03	0-06
Srimangal	29-806	..	..	..	67-4	65-1	94-2	+5-6	59-8	—0-7	99-8	43-0	87	+4	2-8	4	—1-1	0-96	—3-01	0-58
III.—Bengal.																				
Cox's Bazar	29-830	..	S 83° E	3-2	73-2	70-2	86-9	..	67-6	..	95-1	55-9	85	..	2-1	0	—2-1	0	—1-66	0
Chittagong	29-785	—022	S 25° E	3-9	73-6	68-9	89-2	+2-4	68-4	+1-6	93-8	55-3	78	—4	2-3	0	—2-9	0-02	—2-64	0-02
Noakhali	29-824	—020	S 18° E	4-5	76-5	71-6	88-1	+1-7	71-6	+4-3?	92-8	54-3	78	—6	3-2	1	—2-5	0-18	—2-49	0-18
Bakhal	29-838	—026	S 29° W	2-5	75-2	71-7	90-8	+1-6	70-9	+1-2	95-0	50-1	84	0	2-8	0	—3-7	0	—2-26	0
Narayanganj	29-825	—028	S 6° W	2-8	75-1?	69-3	92-4	+2-9	68-7	+0-5	96-9	55-0	73	—10	3-2	2	—1-5	0-08	—2-01	0-38
Mymensingh	29-791	—025	S 39° E	1-6	72-1	66-2	91-9	+4-7	66-7	+2-3	109-1	53-1	71	—8	4-2	0	—3-5	0-02	—2-22	0-02
Bogra	29-768	—023	S 62° E	1-0	71-4	66-1	94-9	+4-7	62-7	—0-5	103-4?	50-3	74	+1	2-4	0	—2-2	0	—1-21	0
Dinajpur	29-701	—034	N 39° E	2-7	70-4	64-2	92-3	+3-3	62-0	+1-5	99-8	49-3	71	+4	0-4	0	—1-6	0	—0-83	
Jalgaiguri	29-563	—020	N 27° E	1-2	66-8	61-4	87-1	+2-5	61-1	+1-4	93-3	49-1	72	—4	1-0	1	—1-6	0-44	—1-07	0-44
Saugor Island	29-826	—024	S 39° W	8-2	78-5	72-6	87-2	+0-2	73-3	—1-3	96-6	57-2	74	—9	2-3	0	—2-1	0	—1-47	0
Midnapore	29-689	—033	S 9° E	2-6	77-5	66-1	99-9	+5-1	69-2	—0-1	106-8	56-9	53	—14	1-0	1	—1-7	0-20	—1-23	0-20
Calcutta	29-820	—031	S 47° W	3-8	74-6	69-6	95-9	+5-0	70-2	+0-9	101-5	56-3	77	—3	1-7	0	—2-4	0-02	—1-27	0-02
Jessore	29-815	—024	S 9° W	2-1	74-0	69-8	93-9	+2-3	68-4	+0-6	99-7	51-7	76	—4	3-1	1	—2-2	0-20	—1-85	0-02
Khulna	29-831	..	S 67° W	2-7	75-0	70-2	93-5	..	69-3	..	97-8	52-5	78	..	2-6	1	..	0-25	..	0-25
Satkhira	29-849	..	S 58° W	2-0	76-7	71-7	95-8	..	64-9	..	100-4	47-1	77	..	1-7	0	..	0	..	0
Burdwan	29-726	—043	S 85° W	1-4	74-3	65-2	98-1	+4-7	66-7	—1-4	105-6	54-9	60	—7	2-1	0	—2-5	0	—1-55	0

(d) Mean of 31 days.

TABLE B.—MARCH 1922—*contd.**Abstract of 8 hrs. observations.*

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
III.—Bengal—<i>contd.</i>																				
Asansol	29-411	..	..	..	75-4	(d) 60-8	97-5	..	64-3	..	106-1	56-2	(d) 40	..	0-6	1	..	0-10	-1-03	0-10
Berhampur	29-782	-016	S 19° W	2-2	76-8	66-2	96-1	+41	66-6	+1-0	104-8	54-8	54	-16	2-6	0	-2-0	0	-1-07	0
IV.—Bihar and Orissa.																				
Balaore	29-799	-023	S 45° W	3-6	78-2	70-3	97-4	+5-1	68-9	-0-5	104-7	56-8	67	-10	0-4	0	-3-4	0	-2-05	0
Hukitola (False Point)	29-829	-022	S 21° W	8-9	..	..	..	..	..	..	..	..	..	..	3-6	0	-1-5	0	-1-09	0
Cuttack	29-773	-020	S 66° W	1-7	76-0	72-1	100-8	+4-0	70-4	-2-1	108-3	62-7	82	+4	2-2	0	-1-5	0-05	-1-05	0-05
Puri	29-844	-011	S 27° W	11-0	79-6	75-6	87-2	+0-6	76-7	+1-5	92-8	67-2	82	-2	3-2	0	-1-0	0-01	-0-53	0-01
Angul	29-536	-041	N 47° W	4-5	76-7	(p) 64-5	99-8	+5-0	68-1	+0-6	107-8	57-4	49	-18	3-0	0	-2-3	0	-1-04	0
Sambalpur	29-348	-042	N 9° W	2-0	77-0	(p) 63-3	102-1	+5-9	67-9	-1-2	106-5	61-5	43	-12	0-2	0	-1-8	0	-0-90	0
Chattasa	29-093	-041	S 36° W	2-3	72-9	59-5	98-1	+4-8	65-6	+1-4	100-0	54-7	41	-22	0-5	0	-2-1	0	-1-03	0
Ranchi	27-710	-016	N 69° W	4-0	73-8	55-7	90-3	+2-9	65-3	+1-8	94-7	59-2	26	-19	0-5	0	-2-7	0	-1-34	0
Perulia	29-096	-006	W	1-8	77-4	(d) 60-7	98-1	+5-1	67-9	+1-7	106-6	58-5	33	-22	0-3	0	-2-4	0-06	-1-11	0-06
Dalkongaj	29-139	-008	S 51° E	3-1	68-6	(d) 57-1	95-9	+5-0	57-2	-2-1	104-9	45-8	46	-12	0-4	0	-1-3	0	-0-69	0
Purnea	29-101	-034	S 34° W	2-6	70-2	60-5	92-1	+2-5	59-5	-0-7	99-9	46-8	55	-13	0-1	0	-1-3	0	-0-58	0
Monghyr	29-601	..	S 35° W	2-3	72-6	53-9	92-4	..	65-1	..	104-2	53-9	45	..	0-5	0	-1-3	0	-0-50	0
Darbhanga	29-660	-018	S 23° W	1-4	70-8	60-6	91-0	+3-2	59-7	-2-5	98-9	47-9	53	-10	1-1	0	-1-3	0	-0-53	0
Pusa	29-636	..	S 14° E	3-0	70-1	60-5	93-0	..	59-2	..	101-7	48-5	55	..	0-8	0	-1-8	0	-0-58	0
Patna	29-644	-020	S 54° W	3-4	75-1	60-1	91-1	+0-9	61-9	+1-0	101-3	51-2	38	-14	1-0	0	-1-2	0	-0-50	0
Buxar	29-538	-028	S 43° W	4-8	69-7	(d) 59-1	93-4	+3-2	62-9	-0-5	102-3	51-1	49	0?	1-5	0	-1-1	0	-0-39	0
Gaya	29-473	-017	S 72° W	2-2	77-4	59-1	95-4	+2-8	67-5	+1-7	105-5	53-2	28	-27	0-7	0	-1-2	0	-0-47	0
Naya Dumka	29-323	-041	N 66° W	1-7	77-0	59-7	95-6	+1-4	65-0	+0-1	105-0	51-9	30	-20	0-1	0	-1-8	0	-1-06	0
V.—United Provinces of Agra and Oudh.																				
Gorakhpur	29-576	-016	W	1-5	71-9	59-2	92-0	+2-0	61-6	-1-0	100-9	56-0	43	-14	0-3	0	-0-8	0	-0-44	0
Benares	29-577	-019	S 57° W	2-7	74-9	59-2	94-0	+1-9	61-2	-0-2	105-0	59-7	35	-21	1-2	0	-0-9	0	-0-36	0
Allahabad	29-558	-001	S 82° W	3-0	73-7	58-1	95-5	+3-1	62-2	(f) +0-3	101-6	50-8	34	-18	0-6	0	-0-8	0	-0-32	0
Cawnpore	29-476	-005	S 73° W	2-3	70-4	57-4	91-5	+1-8	63-0	+2-0	100-1	50-4	41	-13	0-3	0	-0-9	0	-0-33	0
Lucknow	29-461	-029	N 84° W	1-3	71-4	58-0	93-9	+2-9	62-6	+1-8	102-9	51-0	50	-11	0-8	0	-1-0	0	-0-36	0
Bahraich	29-411	-025	N 22° W	2-5	67-9	58-1	90-8	+2-4	59-9	(f) +0-8	109-9	48-5	53	-9	0-6	0	-1-0	0	-0-58	0
Jhansi	29-038	-028	S 66° W	3-3	73-7	58-0	95-4	+2-6	61-3	-1-9	105-2	50-1	32	-11	1-2	0	-0-9	0	-0-32	0
Agra	29-204	-025	S 54° W	2-3	73-6	58-0	93-1	+3-0	63-9	+1-3	100-7	59-2	33	-15	2-1	0	-0-9	0-04	-0-31	0-04
Mainpuri	29-321	-025	N 77° W	1-5	70-5	57-7	93-5	+4-1	59-7	+1-3	101-5	47-2	45	-9	2-1	0	-0-9	0-01	-0-33	0-01
Bareilly	29-231	-043	N 71° W	0-8	67-5	57-4	87-4	-0-1	59-3	+0-8	97-5	48-4	51	-9	3-2	0	-1-5	0	-0-74	0
Roorkee	28-914	-029	N 32° W	1-4	62-4	55-2	86-2	+1-5	55-1	-0-5	94-7	44-8	62	-0?	2-9	0	-1-6	0	-0-89	0
VI.—Punjab.																				
Delhi	29-123	-022	N 55° W	2-0	68-3	55-8	87-7	+1-3	62-2	+0-3	97-0	51-6	41	-10	1-9	0	-1-4	0	-0-53	0
Hissar	29-129	-014	S 61° W	4-4	66-7	53-6	90-2	+2-9	57-6	+0-7	100-0	43-2	37	-21	3-0	2	+1-1	0-33	-0-11	0-21
Patkila	28-981	-059	N 61° W	3-7	67-1	58-2	87-5	+4-8	59-7	+3-0	97-4	47-2	57	-5?	3-1	1	-1-3	0-25	-0-07	0-21
Amhala	28-913	-042	N 12° W	4-7	65-8	54-1	88-6	+5-5	58-8	+2-8	97-6	43-0	43	-22	3-6	1	-1-0	0-19	-0-76	0-19
Ludhiana	29-915	-029	E	0-8	63-1	53-1	88-0	+4-8	57-6	+0-6	99-1	44-2	48	-14	1-1	0	-2-1	0-01	-1-06	0-01
Lahore	29-132	-035	N 9° W	2-1	63-7	55-6	85-5	+1-6	57-9	+2-5	96-5	45-1	57	-9	5-7	1	-0-9	0-22	-0-64	0-22
Sialkot	29-004	-032	N 30° W	1-5	63-6	56-6	82-7	+1-7	53-6	-1-6	91-6	49-5	64	-4	3-3	1	-2-1	0-20	-1-34	0-12
Rawalpindi	28-193	-016	N 50° W	1-4	59-8	53-4	76-1	+0-8	51-1	+0-6	86-7	37-0	66	-4	1-9	2	-2-6	0-35	-1-92	0-20

(g) Mean of 18 days.

(f) Mean of 28 days.

(h) Mean of 26 days.

(i) Mean of 29 days.

(d) Mean of 30 days.

TABLE B.—MARCH 1922—contd.

Abstract of 8 hrs. observations.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Eccurrent direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
VI.—Punjab—concl'd.																				
Thushab	265	—012	N 49° E	1.4	64.9	54.2	81.5	+4.0	52.5	—4.0?	96.2	36.6	46	—11	2.7	0	—2.5	0	—1.19	0
Lyallpur	29.246	..	N 81° W	1.8	62.3	56.5	84.6	..	53.7	..	96.3	40.2	68	..	4.7	0	—2.4	0	—0.81	0
Montgomery	29.290	—030	N 31° W	1.9	64.6	54.1	85.9	+1.5	56.9	+1.2	98.2	40.7	47	—4	2.4	0	—1.6	0.09	—0.43	0.06
Multan	29.445	—020	N 6° W	1.4	66.0	57.1	87.3	+1.5	61.0	+2.8	97.8	47.5	55	—3	3.0	0	—1.1	0	—0.43	0
VII.—North-West Frontier Province.																				
Peshawar	28.792	—021	S 14° W	1.3	56.4	51.6	77.3	+2.3	51.4	—0.3	88.2	39.9	71	0	2.6	3	—1.4	1.31	—0.89	0.05
Dera Ismail Khan	29.315	—011	N 33° W	1.8	64.3	55.1	82.4	+0.2	56.7	+1.6	93.9	42.6	52	—13	2.3	0	—2.3	0.13	—0.95	0.08
VIII.—Sind.																				
Jacobabad	29.705	+004	N 44° E	2.6	71.9	58.0	92.1	+1.4	61.5	+1.8	101.9	46.9	38	—7	2.0	0	—0.7	0.01	—0.23	0.01
Hyderabad	29.782	—018	S 87° W	4.4	70.2	60.5	94.5	+1.9	64.0	0	101.5	50.3	52	+2	0.5	0	—0.6	0	—0.27	0
Karschi	29.900	—001	N 67° W	8.7	72.0	67.6	81.4	—0.4	68.7	+2.4	85.0	58.9	74	+7	2.9	0	—0.7	0	—0.21	0
IX.—Rajputana.																				
Bikaner	29.086	—009	S 1° E	4.3	68.8	53.6	91.4	+2.7	61.7	—2.1	101.0	47.6	29	—14	2.1	0	—0.7	0.02	—0.27	0.02
Jodhpur	29.102	—003	N 79° W	3.1	71.3	53.1	93.2	+2.1	63.7	+0.8	100.8	49.3	21	—12	2.4	0	—0.3	0	—0.10	0
Jaipur	28.449	—005	N 59° W	2.8	71.4	55.4	92.0	+2.6	59.0	—1.7	100.5	44.2	31	—11	2.0	0	—0.9	0	—0.39	0
Ajmer	28.250	—030	S 65° W	3.2	65.5	52.2	89.4	+0.8?	60.8	+0.5	98.2	43.0	38	—11	0.7	0	—0.7	0	—0.21	0
Kotah	29.027	—027	N 53° W	1.5	78.7	58.0	95.0	+2.0	67.4	+1.4	103.6	54.6	21	—13	1.4	0	—0.3	0	—0.14	0
X.—Bombay.																				
Deesa	29.442	+014	N 43° E	4.4	73.0	58.5	97.4	+1.5	62.2	—1.2	103.6	50.0	37	—1	1.8	0	—0.2	0	—0.09	0
Bhuj	29.574	+003	N 65° W	4.6	75.1	62.3	93.7	+0.6	59.1	—6.1?	101.3	52.1	46	—14?	0.8	0	—0.2	0	—0.13	0
Jamsagar . . . . .	..	..	S 80° W	8.9	74.3	66.7	91.2	—3.8?	61.6	2.1	97.5	54.5	65	—4	0.3	0	—0.3	0	—0.19	0
Dwarka	29.899	0	N 47° W	8.4	74.1	69.3	82.5	+1.0	70.9	+1.0	91.8	61.5	77	+2	1.6	0	—0.5	0	—0.27	0
Rajkot	29.476	—005	N 79° W	6.1	71.0	62.8	95.9	+0.7	62.2	+0.2	102.0	52.3	61	—1	1.3	0	—0.1	0	—0.08	0
Veraval	29.097	+016	N 23° W	7.8	72.1	64.4	85.3	—0.8	66.2	+1.1	98.4	57.6	65	+1	1.1	0	—0.2	0	—0.08	0
Bhavnagar Para	29.875	+017	N 48° W	2.2	74.3	60.2	96.5	+1.5	65.2	—0.8	101.6	54.8	40	—12	1.2	0	—0.3	0	—0.13	0
Surat	29.880	+010	N 30° E	1.6	77.0	65.0	96.5	+0.2	68.0	+1.8	102.2	59.6	50	—41	1.1	0	—0.1	0	—0.02	0
Ahmadabad	29.760	+015	N 14° W	3.6	74.6	61.2	95.2	—1.0	67.8	+0.3	104.4	55.3	43	0	1.2	0	—0.3	0	—0.09	0
Rombay	29.861	—007	N 51° E	6.5	76.8	70.0	87.4	+1.7	72.8	—0.4	91.7	67.1	70	—4	0.8	0	—0.1	0	—0.04	0
Ratnagiri	29.657	—023	N 44° E	6.7	78.7	69.8	88.2	+0.8	72.4	+0.3	102.3	64.2	63	—6	0.4	0	—0.1	0	—0.04	0
Mannagao	29.823	+013	N 62° W	5.6	77.3	74.4	88.4	+1.6	73.2	+0.3	92.8	69.4	85	+6	2.5	0	0	0	—0.01	0
Karwar	29.863	+017	N	2.6	75.9	73.0	89.2	+1.7	73.4	+1.0	90.6	66.6	86	+4	0.1	0	0	0	0	0
Malegaon	28.451	—005	S 69° W	4.9	76.6	57.8	97.8	+0.8	61.9	—1.4	103.3	47.3	27	—15	1.0	0	—0.3	0	—0.07	0
Ahmadnagar	27.756	+009	N 32° W	4.0	78.4	56.6	96.9	+2.3	62.6	+0.9	102.5	50.8	19	—27	0.1	0	—0.3	0	—0.13	0
Poona	28.061	+011	W	3.2	71.7	57.4	97.8	+0.3	61.5	—1.7	103.2	51.0	39	—2	0.2	0	—0.2	0	—0.04	0
Sholapur	28.290	+005	N 54° E	4.2	79.4	59.3	99.8	—0.2	69.4	+0.2	103.5	59.7	25	—8	0.1	0	—0.4	0	—0.21	0
Bijapur	27.925	—006	N 44° W	4.1	79.5	61.1	97.4	+0.3	70.2	0	101.1	61.7	31	—19	0.3	0	—0.9	0	—0.29	0
Belgaum	27.258	+008	N 13° W	3.7	72.6	60.0	94.5	+0.8	64.0	+0.1	98.4	54.7	47	+1	1.1	0	—0.7	0	—0.30	0

(m.) Mean of 21 days.

TABLE B.—MARCH 1922—*contd.**Abstract of 8 hrs. observations.*

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
XI.—Central India.																				
Neemuch	28.257	—0.12	N	3.2	76.4	62.3	62.9	+1.9	62.2	+1.0	101.4	49.6	43	+5.2	1.2	0	—0.3	0	—0.08	0
Indore	28.069	0	N 58° W	1.8	76.3	59.4	95.4	+3.1	61.1	+0.7	103.3	48.6	22	—8	0.5	0	—0.1	0	—0.06	0
Nowgong	29.195	—0.15	S 57° W	1.9	70.5	55.5	93.9	+2.2	58.9	—1.6	103.2	44.2	33	—16	1.2	0	—0.8	0	—0.32	0
Sutna	28.803	—0.19	S 61° W	1.8	71.5	57.1	92.0	+1.2	62.2	+0.8	100.8	49.8	39	—2	0.4	0	—1.2	0	—0.52	0
XII.—Central Provinces.																				
Buldana . . . . .	..	..	N 68° W	5.0	78.3	57.4	94.1	+0.6	70.3	+0.5	100.9	60.3	22	..	0.8	0	—0.6	0	—0.29	0
Akola	28.954	+0.07	S 81° W	3.9	77.6	57.4	101.2	+2.2	64.9	—1.0	107.6	50.5	22	—11	0.4	0	—0.8	0	—0.40	0
Amraoti	28.652	—0.05	N 28° E	4.0	80.2	56.4	99.7	+1.8	69.7	+0.6	105.8	58.9	15	—24	1.0	0	—0.8	0	—0.34	0
Khandwa	28.833	—0.03	N 48° W	3.8	74.5	57.5	99.9	+2.5	63.1	—1.8	107.5	50.1	29	—5	1.4	0	—0.4	0	—0.16	0
Heshangabad	28.880	+0.02	S	1.5	69.8	56.5	96.9	+1.7	62.3	—1.9	104.7	48.2	39	—5	0.9	0	—0.5	0	—0.28	0
Saugor	28.027	—0.51?	S 87° W	3.5	74.2	53.7	93.3	+2.0	66.6	+1.9	103.0	53.8	19	—17	1.1	0	—0.9	0.02	—0.37	0.02
Jubbulpore	28.518	—0.20	S 37° E	1.5	71.1	55.5	93.4	+1.0	60.7	+0.2	101.3	49.9	33	—14	0.4	0	—1.5	0	—0.59	0
Seoni	27.854	+0.05	N 26° E	3.6	75.6	55.6	93.9	+1.1	63.9	+1.1	100.6	53.3	22	—21	1.0	0	—1.9	0.01	—0.66	0.01
Nagpur	28.854	+0.04	N 28° E	4.0	79.8	58.9	99.9	+2.0	68.1	+0.6	107.1	58.7	21	—18	0.2	0	—1.3	0	—0.53	0
Pendra	27.818	—0.26	N 47° W	4.4	77.5	59.1	93.3	+5.8	65.3	+3.2?	102.5	52.6	29	—13	1.3	0	—3.3	0	—1.47	0
Raipur	28.867	—0.30	N 23° E	1.6	78.7	59.6	97.7	+2.0	68.8	+0.6	104.5	60.1	26	—16	0.4	0	—1.7	0	—0.67	0
Chanda	29.223	—0.20	N 36° W	1.6	78.1	60.4	100.8	+1.2	65.7	—1.4	106.5	53.0	30	—14	0.5	0	—1.3	0	—0.98	0
Jagdulpur	28.063	..	S 83° W	1.7	76.7	65.3	97.4	..	64.3	..	102.6	53.6	53	..	0.4	0	—1.2	0	—0.47	0
XIII.—Hyderabad.																				
Aurangabad	27.999	+0.03	S 82° W	6.4	77.7	55.5	97.6	+1.2	68.8	+3.2?	103.0	56.4	17	—15	0.9	0	—0.6	0	—0.28	0
Nizamabad	28.623	?	S 59° W	1.4	79.4	61.9	100.2	+2.1	67.1	—1.2	106.2	54.3	33	—18	0.9	0	—1.0	0	—0.54	0
Gulbarga	28.362	—0.09	N 22° E	4.2	78.8	59.9	101.4	+2.0	69.9	—0.9	106.0	56.2	28	—17	0.1	0	—0.8	0	—0.36	0
Raichur	28.547	+0.12	S 53° W	5.5	80.8	64.9	100.3	+1.7	74.8	+0.8	105.8	67.1	40	—7	0.8	0	—0.5	0	—0.25	0
Hyderabad (Deccan)	28.161	+0.05	N 24° E	2.8	78.3	65.3	97.9	+0.8	70.3	+0.3	105.4	62.0	49	—6	0.9	0	—1.0	0	—0.66	0
Hanamkonda	29.001	+0.04	S 48° E	4.0	78.9	68.0	98.6	+1.1	70.8	—1.1	104.8	60.2	56	—7	0.6	0	—0.7	0	—0.28	0
XIV.—Mysore.																				
Chitaldrug	27.499	+0.05	S 53° W	3.8	76.9	69.0	95.4	+0.7	70.6	+0.4	99.3	67.3	67	+17?	0.6	0	—0.6	0	—0.24	0
Hasean	26.816	+0.21?	N 72° W	4.4	74.4	65.2	92.4	+1.2	63.2	+1.1	96.2	55.7	62	—3	0.8	0	—0.5	0	—0.25	0
Bangalore	26.924	0	S 24° W	5.2	73.9	64.3	93.1	+2.1	65.5	+0.8	96.3	57.0	59	—5	1.1	0	—0.9	0	—0.55	0
Mysore	27.399	—0.03	S 48° W	4.3	74.6	67.9	94.3	+0.6	67.1	—0.2	97.0	61.1	70	+1	0.4	0	—0.5	0.65	—0.21	0.05
XV.—Madras.																				
Mangalore	29.823	—0.04	N 71° E	4.9	82.4	75.9	91.3	+2.4	76.7	+2.6	98.5	72.8	73	0	1.8	0	—0.2	0	—0.09	0
Calicut	29.863	+0.05	N 29° E	6.1	81.4	76.6	89.9	—0.2	77.6	+1.7	92.8	74.9	70	+3	2.4	0	—0.8	0.02	—0.50	0.02
Cochin	29.868	+0.13	N 76° E	5.5	82.8	77.3	90.2	—1.2	77.9	+0.7	92.8	72.4	77	0	3.1	3	+0.3	5.73	+3.72	4.01
Trivandrum	29.698	+0.24	N 29° W	3.8	80.1	75.3	88.1	+0.8	77.1	+0.6	90.0	74.0	79	+3	1.5	0	—2.5	0.08	—1.54	0.08
Pamban	29.847	—0.04	S 66° E	3.9	81.8	76.4 (d)	87.0	—2.5?	77.2	+1.2	89.3	74.7	77 (d)	0	3.5	0	—1.1	0	—0.48	0
Madura	29.428	0	N 25° E	2.8	78.6	72.7	96.1	—0.4	72.2	—0.7	100.2	66.9	74 (d)	0	2.7	1	+0.3	1.10	+0.63	1.10
Pudukkottai	29.576	—0.11	S 18° E	3.0	79.3	73.2	97.9	+2.2	72.9	0	102.0	67.1	73	—2	1.3	0	—0.9	0	—0.27	0
Negapatam	29.868	+0.08	S 10° W	6.0	81.0	74.4	88.6	—0.2	75.6	—0.3	94.4	68.3	72	—3	3.3	0	—0.7	0	—0.37	0
Trichinopoly	29.646	+0.03	N 68° E	2.4	80.5	73.5	99.5	+1.8	72.1	—0.6	104.1	66.3	70	—3	1.5	0	—0.6	0.01	—0.42	0.01

(d) Mean of 30 days.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		RAINFALL.						
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.	Mean cloud amount at 8 hrs.	Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Haviest rainfall during month.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
XV.—Madras—concd.																					
Coinbatore	28-548	0	N 55° E	2·5	77·8	71·8	93·6	+0·4	68·8	-1·0	100·0	61·8	73	-6	1·4	0	-1·0	0	-0·51	0	
Salem	28-080	+·006	N 45° E	3·6	78·7	71·0	90·1	+0·4	70·6	-0·3	102·9	63·2	67	-5	0·3	0	-1·0	0	-0·53	0	
Cuddalore	29-862	+·005	S 43° W	5·5	78·9	74·3	89·3	0	72·1	-0·1	95·4	66·0	80	-3	1·3	0	-0·3	0	-0·19	0	
Vellore	29-102	+·001	S 16° E	2·5	75·3	69·9	97·8	+3·5?	68·7	-1·0	103·5	61·6	75	-1	0·4	0	-0·3	0	-0·25	0	
Madras	29-868	-·008	S 42° W	4·2	78·9	75·3	91·2	+1·4	72·1	-0·1	97·4	65·9	83	+4	1·0	0	-0·3	0	-0·16	0	
Cuddapah	29-436	-·004	N 58° W	"	83·0	70·3	101·5	-0·1	75·2	+0·4	107·8	66·0	51	-7	0·5	0	-0·2	6	-0·19	0	
Bellary	28-396	+·002	S 68° W	3·1	81·9	68·8	100·8	+0·3	73·9	+1·1	105·2	60·7	52	+5	6·3	0	-0·6	0	-0·22	0	
Furnool	28-954	-·001	S 9° E	3·0	79·7	67·0	101·7	+0·9	73·0	+1·3	106·2	63·8	50	-3	0·1	0	-0·6	0	-0·28	0	
Nellore	29-798	-·018	S 9° E	(f) 3·3	78·2	72·9	95·9	+0·6	72·3	-0·2	104·1	68·1	77	-4	1·2	0	-0·3	0	-0·15	0	
Masulipatam	29-870	-·010	S 11° W	3·9	79·8	75·2	91·9	+0·8	71·4	-1·0	97·3	63·9	80	-3	1·6	0	-0·4	0	-0·29	0	
Cocanada	29-863	-·014	N 70° W	5·2	80·0	74·9	93·0	+2·0	74·5	+0·7	100·6	67·2	78	+1	3·0	0	-0·8	0	-0·52	0	
Walair (Vizagapatam)	29-838	-·014	N 82° W	7·9	81·1	73·5	89·6	+2·6	76·1	+1·4	95·1	71·1	69	-1	2·2	0	-0·6	0	-0·35	0	
Calingapatam	29-843	"	S 81° W	6·7	78·9	74·2	92·7	"	72·5	"	98·9	64·8	80	"	1·5	0	-0·6	0	-0·52	0	
Gopalpur	29-803	-·012	N 60° W	9·2	78·9	74·1	87·6	+1·0	72·7	-0·3	95·1	60·2	79	+1	1·1	0	-1·1	0	-0·57	0	
Bay Stations.																					
P. V. Fraser	29-827	"	S 55° W	"	79·4	73·9	"	"	"	"	"	"	76	"	1·8	0	-1·5	0	-1·03	0	
Port Blair	29-806	-·029	N 20° W	4·1	75·5	74·7	87·1	-3·2	74·4	-2·0	90·4	70·1	82	-1	3·9	2	+1·1	6·9	-0·16	0·40	
Table Island	29-733	-·009	N 28° W	7·3	78·3	74·1	84·2	-2·7	77·3	+1·0	87·2	75·0	81	+4	1·6	0	-0·4	0	-0·16	0	
Kashmir.																					
Muzaffarabad	27-532	"	S 34° W	1·6	53·3	39·0	71·7	"	49·3	"	90·1	36·0	77	"	5·3	10	+2·5	3·85	-0·19	0·92	
Srinagar	24-901	+·008	S 30° W	2·0	46·2	33·4	58·0	+2·2	39·7	+2·4	68·8	29·6									

(f) Mean of 28 days. (x) Mean of 3 days. (n) Mean of 20 days. (g) Mean of 27 days. (h) Mean of 26 days. (i) Mean of 17 days. (j) Mean of 16 days. * Mean of 14 days

TABLE B.—MARCH 1922—concl'd.

Abstract of 8 hrs. observations.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Hill Stations excluding Kashmir and Baluchistan—cont'd.																				
Drosh (c)	25-094	..	N 75° E	4-4	44-1	(h) 40-5	56-1	-2-5	41-2	+1-9	69-5	30-0	(h) 64	-5	3-1	8	+1-1	4-51	+1-56	1-35
Murree	23-944	-0-11	S 49° E	2-1	50-0	(b) 42-2	56-6	-0-5	48-1	+0-0	69-2	31-4	(b) 49	-7	4-2	5	-2-1	1-58	-2-97	0-72
Simla	23-076	+0-24	..	..	52-6	(b) 41-3	59-0	+3-6	46-1	+2-2	69-3	30-4	(b) 35	-10	5-2	4	-1-0	1-18	-1-51	0-36
Chakrata	23-363	..	N 68° E	8-2	53-5	(d) 44-1	66-2	+5-3	46-8	+3-1	75-2	33-7	(d) 46	-8	4-8	2	-2-9	0-55	-2-54	0-24
Mukteswar	22-798	-0-13	N 82° W	7-5	52-3	(d) 40-5	63-9	+3-7	47-4	+4-5	74-8	31-5	(d) 33	-13	3-2	0	-4-2	0	-2-24	0
Darjiling	22-015	+0-08	W	1-5	50-9	44-9	59-7	+3-4	45-6	+3-5	65-7	37-8	63	-10	3-4	1	-2-7	0-78	-1-05	0-78
Kalimpong . . . .	..	..	N 70° W	8-1	60-3	54-8	71-7	..	56-0	..	76-1	40-0	69	..	1-1	1	..	0-37	..	0-35
Shillong	25-141	+0-54	S 37° W	4-0	61-4	51-2	72-8	+2-6	53-5	+2-8	77-5	41-9	47	-5	2-5	2	-3-0	0-52	-1-71	0-42
Cherrapunji	25-655	-0-11	S 40° W	5-5	63-4	55-2	71-0	+3-9	56-7	+2-8	75-5	50-3	60	-10	2-8	7	-0-3	17-73	+8-61	8-35
Maymyo	26-389	-0-27	S 59° W	1-6	59-5	55-8	82-0	+0-6	53-6	+3-5	86-4	47-0	80	+10	0-8	0	-1-1	0-09	-0-48	0-09
Pachmarhi	26-448	-0-03	N 4° E	3-2	71-0	54-9	86-8	+2-5	59-0	-1-0	95-0	45-1	34	-2	0-1	0	-1-1	0	-0-51	0
Mount Abu	26-046	+0-08	N 78° W	4-5	69-3	51-7	78-0	+1-1	62-0	+0-8	84-8	50-2	25	-11	2-2	0	-0-5	0	-0-19	0
Mercara	2-212	+0-12	N	3-0	69-0	65-2	84-8	+0-2	62-0	+1-0	90-1	59-2	82	+13	3-6	1	-0-6	0-13	-0-52	0-13
Ootacamund	23-046	+0-26	S 60° E	3-3	62-7	49-8	73-0	+3-7	47-7	-0-3	76-8	40-8	40	-7	0-7	0	-2-4	0-14	-1-11	0-08
Kodaikanal	22-795	-0-09	N 32° E	8-8	59-5	46-4	71-6	+3-1	49-8	-1-0	75-4	45-4	37	-10	0-6	0	-3-3	0	-2-35	0
Extra India.																				
Tinencornalee	29-800	+0-21	S 42° W	4-0	77-3	74-1	90-0	+1-9	75-3	-0-7	94-6	72-5	85	0	3-2	1	-1-2	0-39	-1-10	0-39
Colombo	29-865	+0-08	S 45° E	2-6	74-5	73-2	89-2	-0-5	73-9	-1-1	91-2	68-5	93	+14	3-5	3	-2-7	1-70	-2-60	0-77
Nambantota	29-813	-0-10	N 11° W	6-8	74-7	72-1	88-9	+1-7	73-6	+0-1	92-3	71-3	88	..	2-3	1	..	0-52	-1-61	0-32
Minicoy	29-890	+0-09	N 32° W	1-9	..	..	..	..	..	..	..	..	..	..	1-6	0	-1-6	0	-0-87	0
Aminl Divl	29-885	-0-04	N 26° W	5-4	83-7	75-9	92-1	+3-3	77-3	-0-3	94-2	72-3	68	-5	2-1	0	-0-1	0	-0-04	0
Gangtok	24-215	-2-10	N 18° E	1-7	55-1	49-1	69-8	+3-5	51-5	+0-8	73-3	45-0	67	-7	7-0	5	-3-3	2-16	-2-83	0-86
Kashgar (c)	25-513	-0-77	N 45° W	1-4	43-3	(x) 42-3	61-0	+4-0	36-4	+1-4	78-3	26-3	(x) 65	+8	4-0	2	+1-3	2-50	+2-17	1-50
Mashed	25-993	..	N 45° W	2-3	40-0	(f) 39-8	57-6	+1-5	36-1	-0-1	76-6	17-8	(f) 86	..	4-0	4	-1-1	2-50	+0-27	0-83
Jask	29-931	+0-06	N	9-9	69-1	65-2	81-9	+2-7	66-7	+0-1	87-3	59-7	71	+2	1-3	0	-1-6	0	-0-72	0
Muscat	29-936	+0-09	N 45° W	7-4	74-4	66-7	83-2	+4-8	71-3	-0-7	91-5	65-8	67	-1	2-5	0	-1-7	0	-0-65	0
Bushire	29-982	+0-35	N 42° W	7-1	63-1	58-0	71-4	-1-0	59-3	+0-3	85-2	52-0	72	-6	4-0	0	-2-2	0	-1-03	0
Isfahan (c)	24-216	+0-11	S 77° W	1-7	41-7	(e) 39-4	60-8	+0-1	38-3	+1-8	76-4	23-2	(e) 70	+5	2-5	3	0	2-51	+1-46	1-45
Tehran (e)	25-722	-0-80	N 31° E	3-4	44-7	(e) 39-7	60-1	+1-5	..	..	78-1	..	(e) 54	-16	3-9	5	-0-4	1-34	-0-57	0-48
Baghdad	29-995	+1-40	N 18° W	3-5	55-7	(d) 50-9	71-8	-1-1	50-4	+0-8	88-6	39-1	(d) 75	+11	3-6	3	-0-5	1-97	+0-61	1-43
Aden	29-839	+0-12	N 50° E	5-2	75-6	69-9	82-0	-1-6	72-7	-2-7	86-2	70-5	74	-3	5-4	1	+0-3	1-30	+0-76	1-30
Zanzibar	29-843	+0-09	S 45° E	2-7	82-9	77-6	87-2	+0-5	80-1	+0-7	90-9	75-0	78	-4	6-4	8	-1-0	3-84	-2-66	1-34

(c) Aneroid, (d) Mean of 30 days, (e) Mean of 27 days, (x) Mean of 21 days, (b) Mean of 20 days, (h) Mean of 26 days, (f) Mean of 28 days.

TABLE B.—APRIL 1922.

Abstract of 8 hrs. observations.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
I.—Burma.																				
Victoria Point	29.701	..	N 56° E	6.0	81.8	76.5	88.9	..	78.0	..	95.1	74.0	78	..	5.7	10	+5.2	5.89	+3.38	1.82
Mergui	29.791	+0.05	S 50° E	5.2	81.4	77.2	90.2	-1.7	75.8	+1.6	97.4	73.4	82	0	2.2	8	+1.9	3.66	-1.81	1.30
Tavoy	29.839	-0.09	N	2.1	81.4	77.0	94.2	+0.4?	75.9	+1.4	99.6	72.8	81	-3	6.1	6	+1.9	2.44	-0.53	0.71
Moulmein	29.783	+0.08	N 64° E	3.0	81.9	76.9	93.7	-0.8	77.0	+0.4	98.3	74.4	79	+1	4.9	5	+1.0	3.20	+0.26	2.30
Rangoon	29.833	+0.10	S 18° W	4.5	80.2	76.6	93.8	-4.4	76.6	+0.3	100.3	73.3	84	+4	7.7	4	+2.2	2.75	+1.25	1.66
Bassein	29.822	+0.09	N 71° W	3.8	80.8	76.8	93.3	-2.8	72.7	-3.2?	100.5	67.5	83	+4	6.1	5	+3.4	5.67	+4.48	2.56
Diamond Island	29.787	-0.20	N 63° W	9.4	82.5	77.7	86.9	-1.3	79.1	+0.3	89.8	74.1	82	+7	7.1	3	+2.0	2.26	+1.30	1.35
Toungoo	29.667	+0.03	S 20° E	2.7	81.6	74.6	97.5	-3.0	74.9	+1.2?	105.3	69.9	71	-2	5.4	4	+1.3	2.53	+0.56	2.05
Kyaukpada	29.802	..	S 20° E	2.2	82.3	77.5	88.8	..	76.6	..	93.3	72.3	80	..	6.4	5	+2.9	6.23	+4.56	3.06
Akyab	29.792	+0.24	S 86° E	3.9	80.8	75.6	89.2	-2.4	74.9	-0.9	95.3	69.5	78	-3	5.9	5	+3.2	7.24	+5.25	6.10
Minbu	29.631	+0.05	S 39° E	2.5	81.8	73.1	98.7	-4.3	77.3	+0.1	108.5	69.5	65	+3	1.9	4	+2.8	3.12	+2.25	1.26
Yamethin	29.174	+0.17	..	..	82.3	73.5	97.8	-3.5	77.1	+0.8	104.7	70.9	65	0	2.5	5	+2.6	2.09	+0.59	0.65
Mandalay	29.550	+0.04	S	7.5	85.5	74.7	102.0	-0.2	79.3	+1.5	108.5	70.7	60	+4	4.1	5	+2.6	3.49	+2.25	1.18
Monywa	29.540	+0.10	N 73° E	2.9	82.2	70.8	101.0	0	76.5	+1.3	107.2	68.7	57	-2	3.0	4	+2.2	1.92	+1.02	0.63
Lashio	27.064	+0.19	S 42° W	2.9	71.1	65.0	88.2	-1.6	65.1	+2.4	94.7	59.3	72	+3	2.9	6	+1.7	2.55	+0.45	0.70
Bhamo	29.438	+0.08	N 45° E	1.0	74.2	68.7	92.5	-0.3	68.3	+1.3	100.4	63.4	76	0	3.6	4	-0.7	0.95	-0.90	0.28
Myitkyina	29.335	-0.06	S 11° W	5.2	72.0	66.5	90.5	+1.8	69.1	+1.9	99.6	67.0	70	-6	4.7	5	-0.4	2.01	+0.01	0.96
II.—Assam.																				
Dibrugarh	29.471	-0.09	S 76° E	1.4	71.7	68.7	82.7	+3.2	66.8	+1.5	90.3	62.5	85	-4	6.7	13	-1.9	6.56	-4.51	2.24
Sibsagar	29.470	-0.29	N 34° E	2.5	69.7	67.6	83.5	+1.8	67.2	+1.0	95.2	63.3	90	-1	7.8	12	-2.5	9.77	-0.57	3.40
Tezpur	29.565	+0.07	N 77° E	3.0	74.3	68.9	89.3	+5.5	70.1	+2.8	94.9	66.7	75	-9	3.9	11	-2.3	7.94	+1.01	3.12
Gauhati	29.618	0	N 49° E	2.8	77.0	72.4	93.8	+7.1	70.1	+2.8	99.6	65.6	80	-2	2.2	5	-7.3	1.19	-5.86	0.38
Dhubri	29.658	-0.16	N 71° E	7.0	76.6	70.6	91.4	+3.2	72.2	+2.2	97.6	65.8	73	-6	3.5	4	-4.0	2.67	-2.23	1.57
Silchar	29.722	+0.08	E	1.6	78.5	72.2	91.3	+3.2	70.2	+1.2	96.6	63.2	73	-10	2.6	11	-3.5	12.91	-1.82	2.93
Srimangal	29.767	..	..	..	77.4	72.6	97.1	+6.3	68.9	+0.1	103.1	59.8	72	..	2.9	5	-7.1	3.97	-7.62	1.55
III.—Bengal.																				
Cox's Bazar (e)	29.787	..	S 39° E	(d) 3.8	81.0	76.4	91.5	..	75.0	..	103.7	69.9	81	..	3.8	2	-2.6	8.25	+3.81	6.40
Chittagong	29.726	-0.09	S 55° E	4.5	80.5	75.3	91.7	+2.8	74.1	+0.7	98.3	66.8	78	-2	3.9	3	-2.4	2.91	-2.17	1.94
Noakhali	29.764	+0.02	S 24° E	4.5	81.0	73.1	91.2	+2.3	76.5	+2.?	98.1	70.8	79	-2	4.7	2	-4.0	1.02	-5.63	0.45
Barisal	29.777	+0.02	S 22° W	2.7	81.3	77.2	92.4	+0.6	76.1	+1.2	97.5	70.7	83	+1	4.3	3	-2.3	1.67	-2.66	1.07
Narayanganj	29.761	-0.04	S 7° W	2.9	80.9	75.7	93.6	+1.0	74.7	+0.4	100.7	68.4	78	-5	5.3	5	-1.7	3.96	-1.26	2.24
Mymensingh	29.731	-0.01	S 55° E	1.6	80.7	73.0	93.6	+3.9	74.2	+2.3	104.4	68.4	68	-13	6.2	2	-5.2	0.45	-5.45	0.33
Bogra	29.694	-0.03	S 19° E	1.9	80.8	74.1	100.9	+5.2	73.8	+2.0	110.5	65.6	72	-5	4.0	1	-2.7	0.52	-1.78	0.52
Dinajpur	29.632	-0.10	S 87° E	3.0	80.6	70.9	99.0	+4.4	73.3	+3.4	107.8	66.8	61	-11	1.4	2	-1.1	0.44	-1.67	0.24
Jalpaiguri	29.501	0	N 83° E	1.8	76.8	69.9	93.1	+3.6	70.1	+1.9	98.2	61.6	69	-6	2.7	3	-2.6	1.67	-2.04	0.94
Saugor Island	29.763	+0.01	S 26° W	15.0	83.1	76.9	89.4	-1.1	79.0	-0.7	96.5	72.7	75	-6	6.5	1	-1.1	0.28	-0.91	0.17
Midnapore	29.608	-0.05	S 9° E	4.3	83.7	74.3	102.2	+1.2	77.1	+1.1	112.1	68.8	63	-6	4.2	2	-1.4	0.86	-1.09	0.43
Calcutta	29.746	-0.02	S 29° W	5.0	81.8	75.8	97.4	+1.8	76.9	+1.2	103.4	68.9	75	-3	4.7	3	-0.8	1.19	-0.61	0.88
Jessore	29.766	+0.25	S	3.1	80.7	75.6	96.8	+0.1	76.0	+1.1	103.3	69.5	78	-3	2.7	3	-1.9	4.44	+0.94	3.90
Khulna	29.769	..	S 45° W	1.9	81.2	76.2	94.4	..	75.5	..	100.4	69.9	79	..	4.9	2	..	0.95	..	0.44
Satkhira	29.772	..	S 42° W	2.8	83.1	77.8	96.3	..	72.1	..	102.6	63.6	78	..	4.5	2	..	1.29	..	0.83

(d) — Mean of 23 days.

(e) = Mean of 29 days.

TABLE B.—APRIL 1922—contd.

Abstract of 8 hrs. observations.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
III.—Bengal—contd.																				
Burdwan	29.643	—018	S 46° W	2.0	81.1	74.1	102.3	+2.1	76.2	+0.3	112.0	70.2	71	—1	3.1	1	—2.5	0.19	—1.02	0.17
Asansol	29.325	..	..	..	86.0	71.1	101.0	..	74.5	..	112.1	68.1	48	..	2.5	2	..	0.32	—1.10	0.17
Berhampore	29.703	+013	S 1° E	3.5	83.8	75.3	100.9	+1.4	76.9	+2.6	110.0	69.8	67	—7	3.9	1	—1.7	1.40	—0.05	1.40
IV.—Bihar and Orissa.																				
Balasore	29.717	0	S 31° W	5.0	85.1	78.4	100.4	+3.5	76.8	+0.9	108.8	71.8	74	—1	3.0	1	—2.7	0.68	—1.39	0.65
Hukitala (False Point)	29.765	+007	S 8° W	11.5	..	..	..	..	..	..	..	..	..	..	4.1	0	—1.6	0	—0.81	0
Cuttack	29.706	+010	S 69° W	3.0	84.2	78.7	103.6	+2.0	77.2	—0.6	108.3	72.3	77	+3	2.9	0	—1.8	0	—1.18	0
Puri ^(a)	29.782	+010	S 28° W	13.2	82.8	78.7	89.0	+1.1	80.1	+1.5	98.0	75.2	82	—3	5.0	0	—1.3	0	—0.66	0
Angul	29.311	—001	N 45° E	5.1	82.5	75.1	103.7	+2.7	76.3	+2.2	110.0	71.0	69	+2	6.2	1	—2.2	0.33	—1.25	0.25
Sambalpur	29.270	—015	N 53° E	2.6	84.1	71.9	104.1	+0.5	75.9	+0.5	110.6	67.9	53	+3	1.2	2	+0.5	0.60	—0.05	0.46
Chibasa	29.007	—013	S 34° W	2.5	83.4	70.0	103.3	+0.9	76.3	+2.1	111.1	67.9	50	—11	2.1	1	—1.6	0.22	—1.15	0.22
Ranchi	27.651 (e)	+006 (e)	S 83° W	3.6	81.0	63.1	96.1 (e)	—0.2 (e)	73.1	+1.2	103.2	63.3	36	—6	2.9	3	+0.4	0.98	+0.01	0.47
Purulia	28.960	+0312 ⁽ⁱ⁾	S	2.1 (i)	85.5	67.1	102.8	+1.0	76.6	+2.2	111.9	67.7	37	—17	3.5	3	+0.4	1.83	+0.73	1.03
Daltonganj (h)	29.046	+025	S 72° E	3.5	78.6	64.5	103.5	+2.6	67.7 ⁽ⁱ⁾	—2.67	109.5	60.4	44	—2	1.3	2	+1.0	0.37	—0.08	0.26
Purnea	29.619	—019	N 74° E	3.2	79.5	69.9	99.9	+3.1	71.0	+1.2	107.9	65.1	61	—7	1.6	2	+0.1	1.18	—0.02	0.73
Monghyr	29.577	..	N 73° E	3.2	81.8	67.7	100.8	..	74.3	..	107.8	66.9	47	..	1.8	1	—0.2	0.50	—0.34	0.47
Darbhanga	29.582	0	S 79° E	2.1	81.5	67.8	100.4	+4.3	71.8	+0.6	111.2	64.9	47	—18	1.6	2	+0.5	0.24	—0.47	0.12
Pusa	29.552	..	E	11.8	82.9	68.6	102.6	..	71.6	..	110.8	64.2	47	..	1.2	1	—0.7	0.18	—0.75	0.10
Patna	29.547	0	N 86° E	4.7	84.7	67.6	100.5	+0.7	76.3	+2.9	106.5	68.1	39	—12	1.2	1	+0.4	0.20	—0.12	0.14
Buxar	29.492	—003	S 63° W	5.2	81.4	67.3	102.2	+2.1	75.3	+1.7	108.8	62.5	47	+5 ⁽ⁱ⁾	1.8	1	+0.6	0.58	+0.41	0.51
Gaya	29.373	+009	S 62° W	2.8	87.5	66.7	104.0	+1.3	79.0	+3.9	110.0	69.7	30	—21	1.2	2	+1.5	0.27	+0.05	0.13
Naya Dumka	29.240	—017	S 29° E	1.8	86.9	69.6	102.1	+2.2	75.9	+1.8	111.4	68.6	41	—11	1.2	0	—2.0	0.11	—0.83	0.05
V.—United Provinces of Agra and Oudh.																				
Gorakhpur	29.187	+013	W	1.3	83.5	65.1	101.2	+1.3	71.9	0	109.0	65.0	33	—20	0.6	0	—0.8	0	—0.42	0
Benares	29.483	+011	S 60° W	3.1	85.9	67.4	103.5	+1.0	72.7	+1.1	111.0	65.8	35	—12	1.6	1	+0.6	0.21	+0.02	0.15
Allahabad	29.457	+026	W	2.8	85.0	65.9	104.8	+1.6	..	..	111.3	..	32	—4	1.1	1	+0.5	0.19	+0.03	0.13
Cawnpore	29.338	+020	S 78° W	2.6	82.4	64.6	101.7	+0.8	74.2	+2.2	108.1	67.9	34	—6	0.7	0	—0.5	0	—0.22	0
Lucknow	29.361	—004 ⁽ⁱ⁾	S 33° W	1.7	84.5	64.7	104.4	+2.6	72.8	+2.1	110.2	65.0	30	—9	0.5	0	—0.6	0.02	—0.28	0
Behraich	29.329	+010	N 82° E	3.0	81.4	63.2	101.4	+2.3	71.0	+1.7	109.2	63.0	32	—19	0.6	0	—0.7	0	—0.34	0
Jhansi	23.954	+006	S 63° W	3.9	86.0	63.1	103.8	+0.5	75.3	—1.6	109.9	65.2	22	—13	2.2	0	—0.6	0.05	—0.11	0.05
Agra	29.196	+003	S 84° W	2.8	84.9	65.9	101.9	+0.7	75.0	+1.6	103.5	66.2	32	—4	1.5	1	+0.4	0.12	—0.11	0.12
Mainpuri	29.232	+010	N 69° W	1.6	83.5	65.7	103.2	+2.1	71.7	+2.1	109.5	61.6	35	—6	1.2	0	—0.7	0	—0.39	0
Bareilly	29.146	—011	N 67° W	0.9	80.2	64.5	97.5	—1.0	70.9	+2.1	104.3	62.1	39	—8	1.7	0	—0.7	0	—0.31	0
Roorkhee	28.850	+022	N 27° W	2.3	77.3	62.5	96.8	0	67.3	+1.6	105.1	57.0	40	—2	1.8	0	—1.1	0.03	—0.44	0.02
VI.—Punjab.																				
Delhi	29.046	+023	N 49° W	2.9	79.7	62.9	97.8	—0.8	73.8	+0.8	105.2	64.1	35	—4	1.5	0	—0.9	0	—0.42	0
Hissar	29.029	+015	W	5.1	79.7	62.7	99.8	+0.4	69.8	+2.0	107.5	62.4	34	..	1.6	0	—0.7	0.10	—0.24	0.07
Patna	28.930	+005	N 7° W	4.6	81.2	66.3	97.3	+3.1	69.0	+2.4	105.4	61.2	46	—1	2.9	0	—1.3	0	—0.48	0
Ambala	28.848	+009	N 14° W	4.5	79.8	61.2	99.3	+3.9	68.9	+3.4	108.7	60.8	29	—22	2.3	0	—1.7	0	—0.50	0
Ludhiana	28.919	+029	N 66° W	1.1	75.9	59.9	98.3	+2.3	67.7	+0.9	108.1	59.4	35	—11	1.4	0	—1.4	0.09	—0.71	0.09

(a) Mean of 26 days.

(e) Mean of 29 days.

(i) Mean of 25 days.

TABLE B.—APRIL 1922—contd.

Abstract of 8 hrs. observations.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Punjab—contd.																				
Lahore	29-065	+028	N 14° E	2.3	76.0	63.5	95.4	-1.1	67.8	+3.3	106.1	60.7	45	-5	2.0	1	-0.5	0.20	-0.32	0.11
Sialkot	28-942	+031	N 6° E	2.4	78.8	63.9	93.1	-0.9	65.1	-0.8	103.5	56.3	42	-9	2.0	0	-2.1	0.14	-0.78	0.09
Rawalpindi	28-145	+042	N 19° W	1.6	72.1	60.4	87.5	+0.6	61.1	+1.7	99.2	54.1	50	-6	0.5	4	+0.1	1.07	-0.83	0.32
Khushab	29-187	+042	N 48° E	3.8	78.6	64.1	94.7	+1.3	67.4	+0.4	105.7	57.2	43	0	2.8	2	-0.3	1.50	+0.45	1.40
Lyallpur	29-167	..	N 40° E	4.2	75.6	62.9	95.0	..	64.8	..	105.4	57.4	47	..	4.0	0	-1.6	0	-0.64	0
Montgomery	29-217	+031	N 48° E	3.6	78.3	62.5	96.7	-0.5	68.4	+1.5	106.9	62.0	38	+1	3.1	0	-0.9	0.43	-0.18	0.07
Multan	29-366	+039	N 5° E	2.4	77.8	64.2	97.8	-0.1	71.6	+2.2	107.0	65.6	45	-2	2.9	0	-0.8	0.06	-0.17	0.06
VII.—North-West Frontier Province.																				
Peshawar	28-730	+031	S 51° W	0.9	70.2	62.1	88.8	+3.3	60.8	+0.5	99.0	53.7	63	+2	1.8	0	-4.1	0.20	-1.70	0.08
Dera Ismail Khan	29-246	+051	N 34° E	1.8	77.2	64.1	92.5	-0.8	66.7	+1.5	103.1	59.3	46	-10	2.2	0	-1.7	0.04	-0.73	0.02
VIII.—Sind.																				
Jacobabad	29-595	+034	N 75° E	2.8	84.6	65.6	104.3	+4.7	73.2	+3.5	112.1	63.8	32	-0	0.3	0	-0.5	0	-0.15	0
Hyderabad	29-674	+003	S 66° W	5.7	81.5	67.6	104.1	+2.1	72.2	+0.1	110.8	66.0	47	0	0	1	+0.0	0.15	+0.11	0.15
Karachi	29-795	+009	N 72° W	8.6	79.3	74.7	87.0	+1.7	73.9	-0.1	100.9	67.9	80	+1	2.0	0	-0.2	0	-0.18	0
IX.—Rajputana.																				
Bikaner	29-000	+031	S 13° E	4.5	83.3	62.5	102.3	+2.1	73.8	-1.1	109.0	63.5	27	-11	1.1	2	+1.6	0.28	+0.12	0.18
Jodhpur	29-007	+013	S 28° E	3.8	84.1	60.5	102.8	+2.1	75.1	+2.5	109.7	67.6	19	-10	1.9	0	-0.4	0	-0.12	0
Jaipur	28-375	+024	N 9° W	4.2	84.2	62.2	100.4	+0.2	70.5	-0.1	108.3	60.9	25	-8	1.6	1	+0.5	0.13	-0.04	0.13
Ajmer	28-180	-008	S 61° W	3.9	76.1	59.4	98.3	-0.1	72.6	+0.8	106.6	63.4	34	-5	0.8	0	-0.4	0	-0.17	0
Kotah	28-951	+017	N 42° W	2.1	88.7	62.3	103.4	+1.5	77.9	+1.4	110.6	70.8	16	-9	1.8	0	-0.6	0	-0.33	0
X.—Bombay.																				
Deesa	29-347	+015	N 20° W	4.7	83.6	65.7	106.8	+3.0	72.6	+1.1	114.0	65.6	36	-5	2.3	0	-0.1	0	-0.03	0
Bhuj	29-466	-002	N 63° W	6.2	84.2	74.7	101.0	+1.5	72.5	+1.0	108.0	63.1	63	+4	0.3	0	-0.1	0	-0.08	0
Jamnagar . . . . .	..	..	W	9.8	82.0	73.7	98.7	+3.4	72.0	+1.4	106.3	65.6	64	-4	1.5	0	-0.1	0	-0.05	0
Dwarka	29-795	-009	N 56° W	7.6	80.3	75.2	87.4	+2.6	77.4	+1.4	102.1	73.3	79	-1	2.6	0	-0.1	0	-0.07	0
Rajkot	29-379	-012	N 86° W	6.8	80.9	70.2	103.8	+1.6	71.5	+2.4	110.2	64.0	58	-6	2.3	0	-0.1	0	-0.03	0
Veraval	29-811	+001	N 51° W	7.9	79.2	73.2	86.8	+0.4	73.3	+1.0	101.6	64.1	74	0	2.4	0	0	0	0	0
Bhavnagar Para	29-775	+010	N 64° W	5.2	83.9	67.3	103.5	+1.6	74.5	-0.1	108.2	66.0	40	-16	2.5	0	-0.2	0	-0.10	0
Surat	29-788	-003	S 22° W	3.2	84.0	73.9	99.2	-0.6	75.7	+2.6	101.1	67.5	61	-3	2.9	0	-0.1	0	-0.04	0
Ahmadabad	29-664	+012	N 39° W	3.6	83.8	67.5	105.7	+1.1	76.4	+1.5	110.2	69.5	42	-5	2.1	0	-0.1	0	-0.04	0
Bombay	29-790	-014	S 50° E	5.9	82.1	76.3	90.3	+1.7	78.6	+1.1	93.5	72.3	76	+1	3.7	0	-0.1	0	-0.05	0
Ratnagiri	29-605	-021	S 57° W	6.3	83.5	75.6	89.6	-0.1	78.4	+1.3	92.7	70.5	68	-2	2.5	0	-0.3	0.02	-0.07	0.02
Marmagao	29-770	+001	S 18° E	5.9	83.4	77.7	91.3	+1.9	79.7	+0.5	96.1	73.9	76	+1	5.3	1	+0.1	0.53	-0.21	0.59
Karwar	29-790	-001	N 42° W	2.4	81.8	76.9	91.5	+2.0	78.1	+0.6	93.9	70.0	80	+2	2.3	2	+1.0	0.75	+0.24	0.34
Malegaon	28-284	+003	N 71° W	5.6	86.4	64.5	104.2	-0.2	71.9	+0.6	107.5	60.0	27	-15	3.5	0	-0.4	0	-0.12	0
Ahmadnagar	27-693	+002	N 15° W	4.6	84.5	64.5	100.8	+1.1	71.2	+1.5	105.6	60.8	32	-15	2.4	1	-0.1	1.42	+1.10	1.21
Poona	27-994	+002	S 48° W	3.9	79.5	65.4	101.3	-0.1	70.0	+0.8	106.8	58.4	45	+4	3.4	3	+1.6	1.31	+0.69	0.60
Sholapur	28-246	+025	N 33° W	6.5	85.8	63.4	103.1	-1.1	74.9	+0.4	105.5	68.4	40	+3	2.1	2	+1.0	1.00	+0.53	0.59
Bijapur	27-671	-001	N 87° W	5.0	82.8	69.2	100.3	-0.4	75.2	+0.7	102.7	70.5	49	-5	2.4	2	-0.1	0.82	+0.04	0.47
Belgaum	27-312	+007	S 81° W	3.6	76.5	68.3	95.0	-0.9	69.2	+2.1	100.5	66.2	66	+8	3.4	3	-0.4	1.63	+0.01	1.20

(z) Mean of 7 days.

(e) Mean of 29 days.

(u) Mean of 13 days.

TABLE B.—APRIL 1922—contd.

Abstract of 8 hrs. observations.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hr.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
XI.—Central India.																				
cemnuch	28-185	+006	N	3.9	85.0	69.7	100.0	+0.2	72.0	+1.0	107.9	62.8	44	+7	2.3	0	-0.3	0	-0.12	0
idore	27-998	+009	N 39° W	3.5	85.1	66.4	101.7	+1.7	70.7	+0.9	107.3	62.1	34	-5	2.4	0	-0.4	0	-0.15	0
owgong	29-009	+006	S 58° W	2.6	81.4	62.6	102.8	+0.6	70.5	-0.7	108.6	62.9	30	-7	1.2	1	+0.7	0.17	-0.02	0.17
itna	28-721	+012	S 53° W	2.9	84.5	65.1	100.0	0	73.2	+1.5	106.8	64.8	32	-4	0.8	0	-0.4	0	-0.21	0
XII.—Central Provinces.																				
utmana			N 76° W	8.5	85.1	63.9	100.1	+0.3	76.0	+0.5	105.4	70.8	28		4.0	1	+0.4	0.41	+0.18	0.41
kora	28-869	+009	N 86° W	4.3	88.4	64.7	107.1	+1.4	75.7	+1.0	113.1	66.5	22	-8	3.7	1	+0.4	0.13	-0.04	0.11
praoth	28-573	+002	N 19° W	4.3	88.8	62.4	105.8	+1.0	79.1	+2.9	111.6	69.1	18	-17	3.2	0	-0.7	0	-0.25	0
handwa	28-746	0	N 77° W	4.0	85.4	64.2	106.6	+2.1	74.5	-0.6	111.2	64.9	26	-3	3.8	0	-0.3	0	-0.11	0
oshangabad	28-795	+020	N 66° W	2.4	84.1	62.3	104.9	+0.7	73.1	-0.4	110.7	62.4	23	-14	1.5	0	-0.3	0	-0.14	0
ugor	27-956	-028?	N 23° E	5.1	83.8	58.7	101.0	+0.5	74.8	+1.7	107.4	67.7	16	-14	1.3	0	-0.4	0	-0.16	0
abulpore	28-439	-002	S 25° E	2.1	82.9	62.7	101.0	-0.3	71.2	+1.0	106.9	63.5	28	-7	1.5	1	+0.3	0.15	-0.12	0.18
soni	27-785	+017	N 28° E	4.4	85.7	60.8	100.2	-0.3	73.3	+2.4	106.0	65.9	19	-17	1.5	0	-1.4	0.02	-0.47	0.03
agpur	28-769	+013?	N 6° W	4.6	88.5	65.1	106.0	+0.8	77.4	+1.4	111.5	69.8	23	-12	2.2	0	-1.4	0.05	-0.56	0.08
endra	27-758	+009	N 44° W	5.1	85.9	65.3	100.0	+3.8?	74.2	+2.9	106.1	64.8	30	-0	2.0	0	-2.4	0.01	-1.05	0.01
alpur	28-802	+002	S 87° W	2.4	86.0	65.2	103.6	+0.2	77.9	+1.4	109.9	71.1	29	-8	2.7	2	+0.5	0.42	-0.26	0.26
handwa	29-137	-013	W	2.1	88.7	67.2	106.5	+0.3	76.8	+0.6	110.7	68.0	29	-12	1.9	0	-1.7	0.08	-0.61	0.06
agdalpur	28-002		S 73° W	2.4	83.6	70.1	102.1		78.2		105.4	67.3	50		2.2	1	-3.0	0.30	-1.62	0.18
XIII.—Hyderabad.																				
urangabad	28-033	+005	N 27° W	7.0	84.8	62.4	102.5	+0.2	75.6	+2.6	106.9	65.0	25	-4	3.8	0	-0.6	0.15	-0.11	0.08
izamabad	28-551	?	N 33° W	2.1	87.9	68.2	105.9	+2.6	76.8	+0.3	110.9	70.3	34	-17	3.2	0	-1.8	0.16	-0.70	0.07
ulbarga	28-301	-001	N 59° E	6.0	84.5	67.9	104.7	+1.3	77.0	+0.7	107.0	70.2	41	-9	1.1	2	-0.3	0.82	-0.14	0.56
aichur	28-492	+015	S 42° W	6.8	85.2	71.6	103.4	+1.0	79.4	+0.4	106.8	73.1	50	-1	2.5	2	+0.6	0.70	-0.11	0.52
derabad (Deccan)	28-107	+017	S 1° E	3.8	84.1	71.7	102.6	+1.3	77.3	+1.1	107.0	72.2	54	+2	4.8	1	-0.7	0.41	-0.55	0.24
anamkonda	28-933	+018	S 15° E	4.7	84.9	73.4	103.5	+1.7	77.8	+0.7	108.9	71.4	56	-6	2.5	0	-1.9	0.17	-0.82	0.06
XIV.—Mysore.																				
italdrug	27-448	+002	S 77° W	3.8	79.0	73.6	97.3	+0.5	73.7	+1.2	100.2	69.9	77	+16?	2.8	1	-1.1	0.78	-0.24	0.68
assan	26-761	+009	S 82° W	4.0	76.1	68.3	93.2	+1.2	67.2	+0.7	96.6	62.3	68	-2	2.7	4	0	2.50	+0.38	0.84
angalore	26-877	-003	S 31° W	5.4	76.5	69.1	94.9	+1.6	69.3	0	97.8	64.3	68	-3	2.9	3	+0.8	0.76	-0.60	0.47
ysore	27-352	-005	S 43° W	4.9	78.2	69.8	95.3	+0.8	70.3	+0.2	98.7	66.6	65	-0	2.8	3	-1.5	1.17	-1.26	
XV.—Madras.																				
angalore	29-763	-013	S 77° E	5.1	84.4	77.5	91.7	0	78.5	+0.3	94.0	72.1	72	+3	4.6	5	+2.9	4.31	+2.99	2.26
ilicut	29-810	+003	S 51° E	5.4	82.6	78.1	90.7	-0.3	79.5	+1.5	92.6	77.5	81	+4	6.2	2	-2.3	0.52	-3.02	0.31
ochi	29-836	+009	S 83° E	3.2	84.2	78.5	90.9	-0.7	79.1	+0.7	93.1	73.8	77	0	5.1	0	-0.5	5.33	+0.37	2.30
ivandrum	29-649	+023	N 27° W	3.3	80.6	76.9	87.2	-0.4	78.1	-0.1	90.1	74.9	84	+5	6.1	9	+2.2	3.32	-1.26	0.65
amban	29-778	-007	S	6.0	83.7	78.3	90.5	-1.0	79.3	+0.2	92.6	77.2	78	0	4.1	2	-1.3	0.98	-0.78	0.58
adura	29-358	-001	N 14° E	3.0	83.2	76.8	98.6	-0.4	77.3	+0.6	102.2	73.8	74	+3	6.2	2	-1.0	2.10	-0.04	1.90
dukhotai	29-508	+001	S 10° E	3.7	83.6	76.5	99.1	-0.2	77.8	+0.2	104.2	75.2	71	-4	1.9	2	-0.4	0.74	-0.95	0.46

TABLE B.—APRIL 1922—*contd.**Abstract of 8 hrs. observations.*

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
XV.—Madras—<i>contd.</i>																				
Negapatam	29-798	+006	S 19° W	6-9	84.4	77.3	92.2	—0.5	80.0	+0.7	99.3	74.1	72	—2	5.1	1	0	1.62	+1.01	1.50
Trichinopoly	29-571	—001	N 45° W	3.1	84.7	76.8	101.3	+0.2	78.4	+0.7	106.4	74.2	69	0	3.9	2	+0.2	0.36	—1.42	0.20
Coimbatore	28-436	—001	S 31° E	3.1	81.6	74.5	97.3	+0.1	73.8	+0.3	101.7	71.3	71	—10	3.6	3	+0.2	1.63	—0.88	0.37
Salem	28-018	+008	S 29° E	4.3	82.5	75.0	101.4	+0.6	76.7	+0.5	104.7	72.2	69	—4	2.1	4	+0.5	1.02	—0.89	0.66
Cuddalore	29-788	+001	S 40° W	0.7	84.3	77.6	92.0	—0.1	78.0	+0.7	103.8	73.6	73	—5	4.0	0	—1.0	0	—0.62	0
Vellore	29-123	+008	S 45° E	3.6	82.9	76.5	101.3	+2.7	76.9	+0.4	107.6	71.2	74	+1	1.8	1	—0.6	0.39	—0.93	0.30
Madras	29-791	—011	S 15° W	5.3	84.7	78.3	93.7	+0.6	78.4	+1.0	106.2	72.7	74	—1	1.5	0	—0.8	0	—0.60	0
Cuddapah	29-369	—002	S 69° W	..	87.7	74.8	105.0	—0.5	81.0	+0.3	110.0	73.8	53	—3	3.4	1	+0.1	0.42	—0.08	0.42
Bellary	28-338	+003	N 65° W	4.2	81.2	71.6	103.1	—0.5	78.7	—0.52	107.1	73.0	52	+2	2.4	1	—0.9	0.75	—0.08	0.72
Kurnool	28-869	—002	S 50° W	4.9	84.7	72.1	104.7	+0.7	79.5	+1.0	108.2	72.0	(e) 52	—3	3.2	2	+0.3	0.20	—0.43	0.10
Nellore	29-725	—013	S 3° E	4.5	83.5	77.0	99.1	—1.3	77.5	+0.1	106.6	73.1	73	—1	5.1	0	—0.5	0	—0.42	0
Masulipatam	29-805	—001	S 1° E	4.6	84.8	78.5	95.3	+0.5	77.3	—0.4	105.3	72.2	75	—6	5.2	0	—0.8	0	—0.60	0
Cocanada	(e) 29-791	(e) —008	S 46° W	6.2	(e) 85.0	(e) 78.9	96.6	+0.6	79.6	+1.1	106.1	75.0	(e) 75	—1	(e) 5.5	0	—1.0	0	—0.61	0
Vizagapatam	29-772	+001	S 66° W	9.0	84.8	78.4	90.9	+1.5	80.3	+2.1	96.7	77.0	74	+3	5.7	0	—1.9	0	—0.85	0
Calingapatam	29-776	..	S 45° W	8.2	84.2	78.5	93.0	..	77.8	..	99.4	72.4	76	..	3.4	0	—2.7	0	—1.67	0
Gopalpur	29-730	+008	S 35° W	10.6	82.4	78.6	98.5	+0.6	77.7	+0.6	91.8	72.4	84	+2	1.6	1	—0.6	0.18	—0.67	0.18
Bay Stations.																				
P. V. Fraser	(e) 29-761	..	S 45° W	..	83.6	80.2	..	..	..	..	..	..	85	..	4.1	1	—0.6	0.31	—0.45	0.25
Port Blair	29-745	—041	N 10° W	5.1	81.0	77.3	88.1	—4.2	77.4	—1.4	91.6	71.1	84	+1	7.3	7	+2.0	12.72	+9.99	8.14
Table Island	29-688	—074	N 45° W	7.8	81.6	77.2	86.7	—2.9	79.8	+0.4	89.7	74.2	81	+6	3.4	5	+3.7	4.65	+3.93	2.22
Kashmir.																				
Muzaffarabad	27-510	..	S 33° W	2.3	63.2	56.0	81.8	..	57.2	..	94.7	51.1	65	..	3.1	6	—3.0	2.18	—2.73	0.62
Srinagar	24-916	+050	S 23° W	2.2	53.0	49.6	65.3	—1.3	45.0	0	76.0	40.3	79	—	5.2	11	+3.3	3.78	—0.02	0.98
Gulmarg . . . . .	..	..	..	..	..	Closer	for w	inter mo	ths.	..	..	..	..	..	..	..	..	..	..	..
Dras	20-824	+052	S 66° W	2.1	26.1	..	38.5	—5.3	18.7	—1.1	45.0	8.7	..	..	5.7	8	—0.6	4.64	+0.78	2.51
Leh	19-712	+039	S 17° E	2.3	39.1	33.3	53.4	—2.1	30.2	—0.1	62.3	24.1	(†) 39	—10	5.3	1	+0.1	0.27	+0.02	0.10
Skardu	22-880	+030	S 10° E	5.1	48.6	40.8	62.7	+1.2	42.2	0	70.9	36.9	50	—10	5.0	1	—1.9	0.32	—0.93	0.23
Gilgit	25-189	+082	S 71° W	0.8	59.9	51.1	75.3	+3.3	53.3	+0.5	84.4	47.8	54	+3	4.7	1	—1.9	0.26	—0.80	0.10
Baluchistan.																				
Fort Sandeman	25-389	..	S 65° E	3.9	61.0	52.2	82.4	..	55.7	..	91.5	47.8	52	..	3.1	2	—0.9	0.76	—0.40	0.25
Quetta	24-615	+018	S 24° E	2.4	55.1	47.5	77.3	+3.4	47.4	+1.6	86.6	40.7	57	+6	1.3	0	—3.0	0.08	—0.98	0.06
Chaman	25-630	—019	S 46° E	9.5	66.4	49.9	81.9	+4.6	59.0	+4.8	91.5	50.7	27	—23	2.8	2	+0.2	0.47	—0.22	0.29
Kalat	23-705	..	S 7° W	4.5	51.0	43.4	74.5	+0.3	41.5	..	83.3	32.1	54	+5	0.4	0	—1.6	0	—0.56	0
Daibandin	27-062	..	N 23° E	4.1	68.3	54.1	93.3	..	59.7	..	101.8	47.9	36	..	2.6	0	—0.8	0	—0.43	0
Mirjawa	27-127	..	N 62° W	6.2	67.7	51.4	92.5	..	63.0	..	104.0	43.0	27	..	0.8	0	..	0.07	..	0.07
Paani	29-782	..	N 52° W	6.3	73.4	70.0	92.8	..	67.5	..	106.4	63.0	84	..	1.0	0	—0.6	0	—0.52	0
Fanjgur	26-686	..	N 56° E	4.6	63.1	53.6	91.3	..	59.3	..	97.4	53.2	52	..	0.8	0	0	0	0	0
Selstan	28-048	..	N 45° W	5.8	65.7	59.2	87.8	..	60.9	..	97.9	54.4	67	..	1.7	1	0.12	0.12	0.12	0.12

† Mean of 9 days.

(g) Mean of 25 days.

(e) Mean of 29 days.

TABLE B.—APRIL 1922—concl'd.

Abstract of 8 hrs. observations.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Hill stations excluding Kashmir and Baluchistan.																				
Chachinar	24-427	+042	N 81° W	0.8	59.1	50.2	70.1	+2.5	47.8	+0.6	78.6	41.3	55	0	4.1	7	-2.2	1.48	-2.97	0.31
erat	25-689	+046	N 17° W	5.5	61.2	51.2	72.9	+0.2	57.7	+1.8	85.7	49.7	50	0	1.9	3	-2.3	0.84	-1.96	0.43
ash (a)	25-065		N 72° E	2.3	53.7	47.6	69.2	-0.5	50.3	+1.5	78.9	44.4	65	+1	2.1	8	-0.5	2.85	-1.48	0.90
urree	23-971	+024	S 63 E	2.1	57.5	46.5	65.3	-1.7	55.6	+4.7	75.2	42.1	44	-4	3.4	5	-1.9	2.67	-2.39	0.58
ula	23-095	+037	..	..	57.1	45.0	63.8	-1.4	51.1	-0.3	73.9	41.4	38	-2	3.5	4	+0.4	0.97	-0.78	0.29
akrata	23-380	..	N 68° E	9.0	59.7	47.3	73.2	+3.0	51.5	-0.1	84.9	42.5	41	-5	3.3	3	-1.0	0.63	-1.06	0.19
akteswar	22-827	+018	N 81° W	7.9	58.0	45.1	68.9	-0.4	52.2	+1.8	77.4	42.1	36	-4	1.6	2	-1.6	0.59	-0.86	0.23
arjiling	22-930	+023	S 69° W	2.3	57.0	50.4	66.1	+3.6	50.4	+1.9	70.9	43.1	65	-13	3.8	6	-1.3	4.00	+0.20	1.87
limpong	25-923	..	N 74° W	8.1	65.1	57.9	77.2	..	59.7	..	81.2	52.0	65	..	1.9	5	..	2.90	..	1.70
Blong	25-135	+078	S 28° W	6.3	66.6	57.7	76.9	+3.1	60.3	+3.7	81.3	51.9	58	-3	3.8	5	-3.2	1.77	-3.96	0.53
errapanji	25-645	+019	S 40° W	5.9	67.1	60.4	73.3	+2.8	61.6	+3.1	79.1	55.8	69	-16	4.9	13	-5.2	6.22	+14.54	18.20
starhat	26-255	..	S 86° W	7.2	79.1	56.7	91.4	..	72.1	..	96.8	59.7	21	..	1.9	1	..	0.13	..	0.11
aymyo	26-381	+010	S 29° W	1.9	70.9	65.1	83.5	-0.8	62.9	+3.5	89.0	56.2	74	+5	3.0	5	+1.7	6.82	+4.49	4.07
achmarfi	26-392	-002	N 23° E	4.0	80.2	59.1	94.2	+2.1	70.5	+1.1	100.0	92.9	25	-5	1.6	0	-0.7	0	-0.31	0
gent Abu	26-028	+032	N 15° W	5.1	78.6	55.8	86.4	+1.6	70.2	+1.5	92.8	59.4	19	-11	2.9	0	-0.4	0	-0.13	0
ercara	26-183	+017	S 77° W	2.4	70.3	65.9	84.7	+0.7	63.9	0	91.1	60.5	80	+1	6.5	6	+0.9	5.68	+3.04	2.18
otacamund	23-021	+016	S 53° E	3.8	65.3	53.5	75.1	+4.0	51.6	-0.3	79.2	45.3	46	-8	4.5	3	-3.3	1.20	-1.40	0.65
odalkanal	22-775	-011	S 82° E	7.5	61.2	51.8	71.4	+2.1	52.8	-0.9	76.0	48.2	55	-4	3.1	8	+0.6	2.08	-2.43	0.51
Extra India.																				
Macomalee	29-733	+017	S 48° W	4.9	78.4	75.6	92.0	+0.5	76.7	-1.0	96.4	73.2	88	+4	5.7	6	+3.0	2.56	+0.61	0.12
olombo	29-818	+003	S 12° W	2.8	77.8	75.3	89.5	+0.2	76.2	0	95.5	71.1	89	+6	6.7	8	-2.6	8.20	-1.42	2.37
ambantota	29-762	..	N 44° W	7.0	77.8	75.5	88.7	+0.4	76.5	+1.2	92.1	72.9	90	..	4.4	7	..	6.89	+3.65	3.48
incoy . . . . .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
mini Divi	29-762	-015	N 54° W	4.9	84.6	77.6	92.6	+1.7	79.2	-0.7	96.2	73.3	72	-1	4.9	5	+3.3	1.00	-0.08	0.30
angtok	24-223	-183	N 31° E	2.2	60.2	53.5	74.9	+4.5	56.0	+8.9	80.1	50.0	66	-9	3.4	18	+2.3	9.59	-2.25	2.12
ashgar (a)	25-460	-070	N 34° W	2.4	58.7	50.3	76.5	+6.0	49.4	+1.5	88.4	39.8	56	+9	3.5	0	-1.0	0	-0.26	0
ashed . . . . .	..	..	N 45° W	2.5	51.8	48.2	72.8	+4.6	46.8	-0.1	88.4	36.2	77	+9	2.9	4	-1.0	1.61	-0.26	0.57
ask	29-784	-038	N 6° W	8.8	76.2	69.6	88.7	+2.2	72.8	-0.4	94.5	68.5	71	+3	6.2	0	-0.8	0	-0.08	0
ascat	29-828	+011	N 34° W	6.6	83.9	75.7	93.7	+7.2	78.4	-1.3	98.9	72.4	65	+8	0.9	0	-0.7	0	-0.39	0
ushire	29-843	-012	N 39° W	9.0	73.0	63.2	81.1	-0.1	67.7	+0.6	98.8	62.8	56	-10	1.9	0	-1.1	0	-0.48	0
apahan (a)	24-214	-121	N 84° W	2.6	56.5	51.2	76.1	+4.1	49.3	+3.5	84.4	43.2	70	+9	1.1	0	-2.5	0.03	-0.56	0.02
eburan (a)	25-641	-241	N 27° E	4.8	56.3	47.5	73.5	+2.1	..	..	83.5	..	51	-6	3.8	2	-1.5	0.45	-0.92	0.20
aghdad	29-859	+083	N 47° W	4.1	67.8	57.1	84.8	+2.0	60.1	+2.0	99.0	52.7	48	-12	3.2	0	-2.0	0.10	-0.71	0.08
aden	29-756	-018	N 39° E	4.1	79.2	72.3	88.4	-0.3	76.0	-1.7	93.2	71.9	71	-3	2.1	0	-0.3	0	-0.21	0
anzibar	29-901	+041	S 21° W	5.5	80.4	75.9	86.4	+2.0	78.6	+1.3	88.5	76.4	80	-7	6.3	6	-8.8	2.10	-11.62	0.48

(a) Aneroid.

(b) Mean of 23 days.

TABLE B.—MAY 1922.

Abstract of 8 hrs. observations.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
I.—Burma.																				
Victoria Point . . .	29.675	..	S 24° W	6.5	80.9	77.4	85.8	..	74.1	..	87.8	68.2	85	..	7.0	24	+5.2	23.30	+6.94	3.32
Mergui . . .	29.735	—0.13	S 74° E	4.4	80.9	78.6	88.8	—0.2	75.9	+1.6	93.2	73.3	90	+2	3.9	13	—4.6	14.55	—2.94	4.50
Tavoy . . .	29.775	—0.27	S 45° E	1.8	81.1	77.8	89.5	+1.0	76.3	+0.9	94.5	74.4	86	—2	6.5	15	—3.5	18.97	—4.81	4.33
Moulmein . . .	29.715	—0.03	N 60° E	2.6	79.9	76.8	89.2	0	75.9	+0.1	93.9	73.1	86	—1	7.5	17	—0.8	9.34	—11.35	1.26
Rangoon . . .	29.816	+0.06	N 57° W	3.8	81.4	77.5	91.5	—0.2	77.4	+0.1	97.0	73.1	83	—3	7.5	14	+0.3	8.71	—3.50	4.16
Bassein . . .	29.759	+0.14	N 84° W	2.4	81.7	77.9	90.2	—1.4	73.0	—4.3?	95.4	66.9	84	—1	6.3	10	—1.4	8.30	—1.67	1.64
Diamond Island . . .	29.725	—0.07	N 83° W	4.3	83.6	78.9	87.8	—0.7	78.9	0	90.4	70.8	80	+1	5.8	13	+2.2	10.57	—0.21	4.00
Toungoo . . .	29.601	—0.07	S 34° E	2.3	81.9	76.4	94.6	—1.2	75.7	—0.9	100.0	69.8	77	—4	5.4	8	—2.3	7.28	—0.16	2.31
Kyaukpada . . .	29.729	..	E	1.2	83.1	78.5	89.9	..	78.3	..	93.4	73.5	81	..	6.0	8	—4.5	5.06	—9.97	1.27
Akyab . . .	29.720	—0.10	S 75° E	3.3	83.5	78.2	90.3	—0.5	78.0	—0.1	94.6	71.5	78	—6	7.0	5	—5.6	3.71	—9.50	1.25
Minbu . . .	29.561	—0.12	S 41° E	2.7	82.9	76.6	98.3	+0.1	73.4	—0.2	104.9	73.9	75	+3	2.9	4	—3.0	2.84	—2.52	1.31
Yamethin . . .	29.109	+0.06	..	..	83.4	75.3	98.5	+1.9	77.4	+0.8	103.0	70.4	68	—7	3.6	2	—6.7	0.50	—5.43	0.24
Mandalay . . .	29.490	—0.01	S 17° E	6.1	88.8	77.0	102.1	+2.5	80.6	+1.5	108.1	69.7	58	—11	4.7	1	—6.9	0.62	—5.23	0.41
Monywa . . .	29.467	+0.02	S 42° E	1.8	83.8	75.7	102.3	+2.2	80.3	+1.5	108.6	67.9	62	—7	4.7	4	—3.0	2.71	—2.72	2.17
Lashio . . .	29.992	—0.02	S 27° W	2.1	75.6	69.7	88.6	+1.0	68.6	+1.8	95.6	60.0	75	—6	4.6	7	—4.9	2.82	—3.87	0.94
Bhamo . . .	29.350	—0.13	N 45° E	1.0	82.0	75.1	99.0	+5.3	76.2	+3.9	105.6	66.8	72	—8	4.3	6	—4.2	3.13	—3.16	1.06
Myitkyina . . .	29.227	—0.44	Calm	2.6	78.7	73.3	94.7	+2.8	74.7	+2.2	100.0	67.4	77	—1	7.2	8	—1.4	3.79	—2.68	0.74
II.—Assam.																				
Dibrugarh . . .	29.395	—0.15	S 84° E	0.7	76.6	74.9	86.2	+1.8	71.8	+1.3	95.3	64.1	92	+3	6.2	11	—4.4	8.74	—2.15	3.05
Sibsagar . . .	29.405	—0.18	N 37° E	1.9	75.5	74.3	86.2	+0.7	73.6	+2.1	93.0	65.3	94	+3	8.0	12	—3.8	9.57	—2.54	1.76
Tezpur . . .	29.505	+0.12	N 79° E	1.8	77.3	74.2	88.5	+1.9	73.7	+1.5	95.6	65.5	86	—1	5.9	15	—0.4	10.22	+1.04	1.34
Gauhati . . .	29.560	+0.02	N 86° E	2.0	78.7	74.2	90.8	+3.0	73.2	+1.3	97.0	66.1	80	—6	5.1	12	—2.2	7.37	—2.69	1.48
Dhubri . . .	29.605	—0.02	N 73° E	6.5	77.8	73.9	88.0	+1.7	74.3	+1.4	95.0	68.1	83	—4	6.2	11	—4.5	11.19	—4.09	1.92
Silchar . . .	29.652	+0.02	S 79° E	1.4	80.2	75.6	91.0	+2.2	73.4	+0.8	94.6	65.6	80	—5	1.9	9	—7.4	9.25	—6.97	2.51
Srimangal . . .	29.703	..	..	..	79.8	75.8	96.3	+5.0	71.0	—1.2?	101.2	61.6	83	—2	2.8	7	—8.3	8.56	—8.33	3.31
III.—Bengal.																				
Cox's Bazar . . .	29.704	..	S 37° E	3.5	82.9	79.3	90.4	..	77.0	..	94.3	69.3	85	..	4.0	7	—4.6	7.26	—5.98	3.32
Chittagong . . .	29.656	+0.08	S 48° E	3.8	82.7	78.2	91.3	+2.5	76.3	+0.9	94.1	65.2	81	0	2.8	6	—5.1	7.45	—2.48	3.19
Noakhali . . .	29.698	+0.19	S 31° E	4.9	83.4	79.1	91.2	+1.9	78.8	+3.1	95.8	65.8	82	—1	4.7	5	—6.0	6.76	—5.81	4.18
Barisal . . .	29.708	+0.17	S 4° E	4.7	85.6	77.9	95.2	+3.5	78.9	+2.2	99.8	72.3	77	—5	3.3	1	—9.0	0.68	—8.71	0.60
Narayanganj . . .	29.698	+0.12	S 10° E	2.8	83.4	78.1	94.2	+3.1	77.3	+1.5	98.9	68.4	78	—6	4.3	7	—4.3	3.10	—6.51	0.80
Mymensingh . . .	29.666	+0.07	S 72° E	2.0	81.8	75.5	94.7	+5.8	76.1	+2.0	100.0	68.2	74	—10	6.0	9	—4.7	5.54	—7.87	1.34
Bogra . . .	29.646	+0.16	S 55° E	2.5	83.6	77.7	99.5	+7.1	76.0	+1.8	107.2	67.9	76	—5	4.1	4	—6.3	2.97	—5.83	1.75
Dinajpur . . .	29.570	—0.05	S 82° E	4.2	82.9	76.1	98.7	+6.8	76.6	+2.9	106.3	69.3	72	—7	3.1	3	—6.2	1.77	—6.10	0.87
Jalpaiguri . . .	29.448	+0.12	S 62° E	1.8	79.3	75.0	92.3	+3.4	74.0	+1.6	96.8	67.9	81	—2	4.8	11	—1.7	9.19	—2.12	1.65
Saugor Island . . .	29.680	+0.13	S 15° W	16.3	86.0	80.0	90.4	—1.4	80.6	—0.3?	93.0	71.3	76	—5	5.7	3	—2.9	0.82	—3.70	0.27
Midnapore . . .	29.520	+0.03	S 19° E	4.8	87.0	78.3	103.1	+3.2	80.2	+1.9	111.4	72.2	67	—7	4.4	2	—4.4	0.91	—4.88	0.50
Calcutta . . .	29.665	+0.09	S 2° W	5.4	84.5	78.9	97.3	+2.8	78.6	+1.1	102.1	71.1	77	—2	4.1	5	—2.3	2.47	—3.32	0.94
Jessore . . .	29.689	+0.32	S 45° E	3.6	83.6	78.2	97.2	+2.7	78.1	+1.5	102.7	70.1	78	—5	5.5	6	—3.7	2.69	—5.71	0.80
Khulna . . .	29.694	..	S 22° W	1.0	84.7	79.6	94.5	..	77.6	..	99.0	69.3	79	..	3.2	6	..	3.76	..	2.28
Satkhira . . .	29.696	..	S 12° W	2.9	86.2	81.1	95.1	..	74.1	..	100.6	63.1	79	..	3.7	5	..	3.86	..	1.55
Burdwan . . .	29.565	—0.03	S 10° W	2.3	83.0	77.5	101.2	+3.4	77.8	+0.3	109.6	71.4	77	0	4.6	9	+1.7	6.60	+0.23	2.21

TABLE B.—MAY 1922—*contd.**Abstract of 8 hrs. observations.*

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
III.—Bengal—<i>contd.</i>																				
Sansol	29.239	..	..	..	88.0	75.8	105.5	..	77.0	..	114.6	68.3	56	..	3.7	3	-2.4	1.52	-2.75	0.80
Berhampore	29.624	+0.14	S 24° E	4.4	84.8	78.2	100.7	+4.1	78.6	+2.2	107.6	71.7	74	-7	4.6	4	-3.6	3.58	-1.97	1.83
IV.—Bihar and Orissa.																				
Salasore	29.623	+0.05	S 28° W	5.5	85.5	79.3	98.4	+1.2	79.3	+0.7	105.9	70.6	75	0	4.1	6	-0.3	3.07	-1.78	1.12
Fukitala (False Point)	29.674	+0.23	S 1° E	11.8	..	..	..	..	..	..	..	..	..	..	3.4	1	-3.3	0.28	-4.16	0.24
Cuttack	29.613	+0.21	S 63° W	3.2	87.3	80.3	105.4	+3.0	78.8	-1.2	111.8	71.9	73	0	3.5	3	-2.7	0.81	-3.27	0.29
Puri	29.078	+0.21	S 26° W	14.0	85.4	81.5	90.5	+0.6	82.3	+1.4	93.0	74.8	84	-1	4.5	2	-1.2	1.18	-1.58	0.62
Angul	29.215	+0.08	S 80° E	6.3	86.1	78.4	105.8	+1.4	80.8	+2.3	110.8	74.9	69	+2	4.5	3	-1.7	1.11	-0.96	0.43
Jambalpur	29.183	+0.10	S 26° E	3.5	91.3	77.9	108.9	+2.3	83.9	+2.7	113.6	74.3	54	+4	1.4	1	-1.5	0.79	-0.53	0.73
Chaibasa	28.907	-0.12	S 34° W	2.8	87.8	75.7	107.0	+3.1	81.7	+3.8	113.0	73.0	56	-8	2.6	2	-3.5	0.51	-2.75	0.22
Ranchi	27.569	+0.14	S 55° W	3.6	85.3	69.4	101.2	+2.0	77.9	+2.4	106.8	73.0	44	-7	3.6	0	-4.7	0	-2.33	0
Rurulia (d)	28.859	+0.19	S 34° E	2.5	88.7	75.0	106.0	+3.9	81.2	+3.9	114.1	76.5	51	-15	4.6	1	-4.3	0.12	-2.84	0.12
Baltonganj	28.918	+0.05	S 45° E	3.8	88.6	69.8	109.4	+2.5	79.1	-0.1	114.4	70.8	35	-12	1.1	0	-1.3	0	-0.57	0
Purnea	29.546	-0.20	N 81° E	3.5	81.9	75.1	97.9	+2.9	75.6	+1.4	104.2	65.3	72	-5	3.0	4	-1.7	3.40	-0.99	1.84
Monghyr	29.490	..	N 87° E	4.3	86.2	74.4	104.3	..	78.3	..	110.2	72.9	57	..	1.9	0	-3.4	0.03	-1.82	0.03
Darbhanga	29.499	-0.03	S 86° E	3.9	85.0	74.8	102.1	+6.3	77.7	+1.7	108.0	67.4	60	-12	1.7	2	-2.1	0.83	-2.10	0.58
Pusa	29.464	..	N 83° E	4.4	87.1	76.2	105.5	..	77.4	..	112.8	74.5	59	..	0.7	1	-2.3	0.28	-1.64	0.27
Patna	29.451	-0.03	S 85° E	5.8	88.1	73.5	104.4	+4.2	80.1	+2.4	110.5	75.9	49	-15	0.9	0	-3.0	0.09	-1.56	0.09
Buxar	29.388	-0.07	N 76° E	4.7	87.2	72.4	107.3	+4.3	80.9	+1.7	112.5	75.6	47	-5	1.2	0	-1.5	0	-0.68	0
Gaya	29.266	+0.06	S 23° E	3.2	92.8	72.5	109.0	+4.3	84.8	+5.1	115.5	80.2	36	-22	1.7	1	-0.8	0.18	-0.89	0.18
Naya Dumka	29.158	-0.13	S 33° E	3.6	88.8	76.2	103.4	+4.6	79.4	+2.3	109.8	72.4	55	-12	1.5	3	-2.0	0.97	-2.51	0.47
V.—United Provinces of Agra and Oudh.																				
Gorakhpur	29.399	+0.07	E	1.7	87.5	71.4	105.5	+4.6	78.2	+1.2	110.4	70.9	44	-19	0.7	1	-1.8	1.00	-0.50	1.00
Benares	29.370	+0.05	N 73° W	2.7	93.3	73.5	109.0	+3.7	80.2	+1.4	115.0	73.9	37	-15	1.1	0	-1.1	0	-0.55	0
Allahabad	29.342	+0.23	N 83° W	2.5	92.3	69.8	111.1	+4.2	81.6	+2.0	117.2	75.0	29	-13	1.8	0	-0.9	0	-0.31	0
Cawnpore	29.229	+0.22	S 89° W	2.1	89.9	70.4	108.3	+2.5	80.6	+1.5	113.6	73.1	35	-4	0.6	0	-1.0	0	-0.37	0
Lucknow	29.266	+0.03	N 61° E	1.4	91.3	71.1	111.1	+6.0	79.6	+2.0	116.2	71.0	35	-11	0.2	0	-1.6	0	-0.99	0
Bahraich	29.235	+0.03	N 77° E	3.3	87.8	70.3	106.3	+3.7	78.8	+1.8	111.4	70.8	39	-20	0.3	0	-2.8	0	-1.65	0
Jhansi	28.840	+0.01	S 82° W	4.5	90.5	64.8	110.2	+1.8	82.4	-2.0	116.6	72.4	19	-19	2.3	0	-1.2	0.06	-0.29	0.04
Agra	29.089	+0.11	N 71° W	2.6	92.7	69.0	109.0	+2.3	81.5	0	115.4	73.8	26	-12	1.2	0	-1.3	0	-0.47	0
Mainpuri	29.121	+0.11	N 35° W	1.7	91.7	70.7	110.2	+3.0	73.2	-0.5	116.5	69.1	32	-9	1.7	1	-0.1	0.30	-0.19	0.30
Bareilly	29.054	-0.06	N	2.6	86.3	72.0	104.0	+0.6	77.8	+1.4	109.9	71.4	47	-2	1.3	0	-1.7	0.05	-0.70	0.05
Boorkee	28.746	+0.14	S 45° E	2.2	84.4	65.4	103.9	+1.4	72.7	-1.5	110.8	61.7	32	-7	1.5	1	-0.9	0.39	-0.49	0.39
VI.—Punjab.																				
Delhi	28.940	+0.29	N 52° W	3.1	87.4	66.9	105.0	+0.5	80.4	0	113.8	73.6	29	-10	1.2	0	-1.8	0	-0.62	0
Hissar	28.920	+0.31	N 87° W	5.1	88.8	68.0	107.4	+0.6	76.1	-1.3	114.8	65.2	30	-8	1.0	1	-0.4	0.11	-0.44	0.11
Patiala	28.825	+0.11	N 18° E	5.4	89.4	64.7	104.8	+1.9	75.9	-0.6	112.4	70.0	21	-23	2.5	0	-1.7	0	-0.71	0
Ambala	28.735	+0.05	N 31° E	4.0	89.3	64.8	107.2	+3.1	76.3	+0.7	114.3	69.6	21	-24	1.3	0	-1.8	0	-0.85	0
Ludhiana	28.822	+0.19	S 18° E	2.6	84.3	63.1	106.7	+2.5	75.6	-0.1	113.3	69.4	26	-13	0.8	0	-1.6	0	-0.66	0
Lahore	28.936	+0.29	N	1.9	85.8	67.9	104.1	-1.3	72.1	-1.4	112.3	59.3	37	-4	2.0	1	-0.4	0.14	-0.58	0.10
Sialkot	28.802	+0.15	N 20° E	2.1	87.0	68.9	103.2	0	71.8	-3.2	110.7	59.5	37	-4	2.1	0	-2.2	0	-1.08	0

(d) Mean of 30 days.

(e) Mean of 29 days.

TABLE B.—MAY 1922—contd.

Abstract of 8 hrs. observations.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
VI.—Punjab—contd.																				
Rawalpindi	28-019	+031	N 68° W	2.1	82.1	63.8	97.2	—0.8	68.4	—0.1	106.9	60.1	35	—7	0.9	3	+0.3	0.59	—0.71	0.30
Khushab	29-047	+040	N 36° E	3.5	87.7	72.7	102.9	—1.5	74.1	—2.7	113.2	63.3	47	+13?	2.3	1	—0.5	0.65	—0.06	5
Lyallpur	29-030	..	N 65° E	3.7	85.3	66.3	104.1	..	71.2	..	111.9	60.2	33	..	2.2	0	—1.1	0	—0.35	0
Montgomery	29-092	+048	N 21° E	3.5	85.7	67.5	104.6	—2.6	73.5	—4.5	112.3	61.3	35	+4	1.1	0	—1.0	0	—0.32	0
Multan	29-225	+045	N 23° W	2.0	85.4	68.1	104.8	—2.1	77.9	—0.2	113.3	66.7	38	—4	0.9	1	+0.3	0.19	—0.10	0.13
VII.—North-West Frontier Province.																				
Peshawar	28-605	+041	N 45° W	1.1	81.0	68.4	97.6	—0.5	67.9	—2.0	113.4	55.3	45	+2	2.1	3	+0.9	0.60	—0.19	0.28
Dera Ismail Khan	29-101	+047	N 14° E	2.3	86.3	66.8	100.2	—3.6	73.9	—0.7	111.2	62.1	34	—14?	1.9	1	+0.1	0.18	—0.21	0.14
VIII.—Sind.																				
Jacobabad	29-478	+054	N 51° E	3.1	91.1	71.7	110.2	—1.8	77.4	—0.9	120.3	65.6	36	—6	0.4	0	—0.3	0	—0.18	0
Hyderabad	29-573	+020	S 35° W	7.2	85.3	71.3	106.6	—0.6	77.4	—0.8	116.7	66.3	49	—5	0	0	—0.3	0	—0.15	0
Karachi	29-709	+022	S 89° W	1.1	82.5	77.2	88.7	—0.1	77.7	—0.6	104.8	72.6	78	—2	3.0	0	—0.1	0	—0.05	0
IX.—Rajputana.																				
Dikaner	28-897	+042	S 31° W	6.1	89.0	67.7	107.5	+0.1	80.3	—2.6	114.6	67.9	29	—15	0.4	2	+0.9	0.26	—0.32	0.16
Jodhpur	28-918	+024	S 42° W	4.5	86.8	65.9	105.6	—0.9	78.6	—1.6	112.5	66.2	32	—10	0.7	1	+0.3	0.18	—0.10	0.13
Jaipur	28-282	+028	N 83° W	3.8	89.7	65.7	106.0	—6.5	76.4	—1.9	113.5	67.1	24	—13	1.2	1	—0.4	0.31	—0.21	0.29
Ajmer	28-097	+005	S 72° W	4.9	82.6	64.5	103.0	—0.8	78.5	—1.5	110.2	67.4	35	—9	0.5	1	—0.4	0.26	—0.27	0.16
Kotah	28-047	+011	N 62° W	2.4	93.8	66.0	109.7	+0.8	83.4	—2.3	114.6	70.3	17	—11	1.0	0	—1.2	0	—0.49	0
X.—Bombay.																				
Deesa	29-286	+023	S 71° W	7.4	85.4	71.9	108.0	+1.0	75.6	—1.8	114.2	67.0	51	—6	1.4	0	—0.4	0	—0.18	0
Rhuji	29-400	+011	W	9.1	85.9	78.5	100.5	—0.9	75.6	—0.9	108.6	69.1	71	+5?	0.7	0	—0.2	0	—0.06	0
Jamnagar . . . . .	..	..	S 61° W	12.4	85.1	74.7	99.4	+1.5	74.8	—1.9	106.3	68.6	60	—6	1.4	0	—0.1	0	—0.02	0
Dwarka	29-737	+013	S 80° W	11.3	82.8	77.2	88.6	+0.9	80.6	+0.5	90.1	78.2	77	—4	2.1	0	0	0	—0.01	0
Rajkot	29-324	—001?	S 72° W	11.4	83.6	74.9	104.4	—1.0	74.7	—0.3	111.0	68.0	65	—8	3.6	0	—0.3	0	—0.16	0
Veraval	29-668	+010	N 72° W	11.1	81.6	76.4	85.7	—0.7	78.0	—0.4	90.7	70.1	78	—4	2.1	0	—0.1	0	—0.04	0
Bhavnagar Para	29-722	+010	N 48° W	7.7	86.2	72.6	106.0	+0.9	77.4	—0.8	111.6	69.2	60	—12	1.4	0	—0.3	0	—0.12	0
Sumat	29-745	+004	S 64° W	4.6	86.5	75.5	100.0	+2.3	79.5	+1.1	109.6	73.6	58	—9	2.6	0	—0.2	0	—0.09	0
Ahmadabad	29-608	+015	N 69° W	3.9	86.2	71.6	107.0	—0.6	78.9	—0.5	113.2	73.2	47	—11	1.0	0	—0.2	0	—0.11	0
Bombay	29-758	—015	N 85° W	7.3	84.5	77.8	92.1	+1.3	81.3	+0.6	94.0	78.3	73	—1	3.2	0	—0.7	0	—0.64	0
Ratnagiri	29-580	—020?	N 49° W	8.4	84.3	76.8	89.9	—1.1	79.9	+0.2	92.6	72.7	70	+1	2.8	1	—0.2	1.18	+0.07	1.09
Marmagao	29-752	+009	N 16° W	7.2	84.4	78.3	91.0	+1.2	80.7	—0.3	94.4	74.9	75	—1	5.5	3	+0.8	1.16	—0.52	0.53
Karwar	29-766	—601	N 68° W	3.1	83.5	77.9	91.0	+1.3	80.0	+0.3	94.2	73.1	77	0	1.5	5	+1.9	4.11	+1.50	2.02
Malegaon	28-329	—003	S 83° W	8.8	87.6	69.0	104.4	—0.1	75.3	+0.1	108.4	66.3	38	—11	2.3	2	+0.9	1.44	+0.65	1.23
Ahmadnagar	27-644	—001	N 22° W	7.0	84.5	66.6	101.7	+0.6	73.7	+1.9	106.3	67.8	38	—15?	2.1	3	+1.7	1.11	+0.32	0.48
Poona	27-953	—002	S 63° W	5.6	80.6	67.7	99.2 (a)	—0.5	72.1 (a)	+0.3	107.0	66.5	51	—3	3.4	2	+0.5	1.94	+0.86	1.37
Sholapur	28-188	+009	N 38° W	6.9	86.6	69.4	106.2	+1.4	77.8	+1.1	110.2	74.0	42	—3	1.9	3	+0.9	1.61	+0.69	1.02
Bijapur	27-831	—010	N 60° W	6.2	82.4	69.4	101.2	—0.1	75.9	+1.5	106.1	70.3	49	—12	3.1	3	+0.4	1.01	—0.19	0.52
Belgaum	27-277	+001	S 84° W	4.9	76.5	68.5	94.5	+1.4	69.2	+1.1	101.2	64.4	66	—3	5.6	3	—1.6	0.86	—1.53	0.28

(a) Mean of 28 days.

TABLE B.—MAY 1922—contd.

Abstract of 8 hrs. observations.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
XI.—Central India.																				
Neemuch	28.104	+0.05	W	6.2	88.4	71.4	104.1	+0.3	76.4	-1.0	110.4	65.0	43	-6	1.0	2	+1.0	0.63	+0.19	0.40
Indore	27.931	+0.08	N 77° W	5.3	87.6	71.7	104.8	+1.9	76.2	+0.6	110.9	67.7	47	-4	2.1	1	-0.1	0.17	-0.31	0.15
Nowgong	28.905	+0.12	N 46° W	2.4	89.8	66.1	109.6	+2.3	73.3	-1.6	115.1	69.5	23	-12	1.8	0	-0.8	0	-0.34	0
Sutna	28.612	+0.14	S 83° W	2.7	93.1	70.4	107.3	+1.7	81.2	+1.5	110.8	73.8	30	0	1.0	0	-1.2	0	-0.46	0
XII.—Central Provinces.																				
Buldana . . . . .	..	..	N 71° W	8.8	84.8	67.7	102.0	+0.5	78.8	+1.1	106.8	74.7	40	..	2.8	0	-1.1	0	-0.49	0
Akola	28.797	+0.06	N 78° W	7.8	90.3	69.1	109.0	+0.9	81.9	+0.7	112.5	77.0	31	-8	2.7	0	-0.8	0	-0.36	0
Amraoti	28.496	+0.02	N 67° W	5.3	91.4	68.4	108.2	+0.4	82.5	+2.3	111.1	76.7	29	-11	3.6	0	-1.4	0.03	-0.51	0.03
Khandwa	28.676	-0.03	N 87° W	7.6	88.0	69.1	108.5	+1.7	80.6	-0.6	113.4	73.7	36	-6	2.8	0	-0.8	0.09	-0.27	0.09
Hoshangabad	28.705	+0.11	S 59° W	2.6	89.9	68.3	108.2	+0.8	79.6	-0.8	111.9	72.8	29	-10	1.3	4	+2.9	1.10	+0.61	0.32
Saugor	27.866	-0.034?	N 56° W	5.3	88.7	63.7	106.6	+1.6	79.7	+0.6	111.2	70.6	21	-12	1.9	0	-0.9	0.08	-0.38	0.04
Jubbulpore	28.341	-0.05	S 64° W	2.0	90.1	68.4	106.3	+0.6	79.6	+0.9	110.8	72.3	30	-2	2.0	0	-1.1	0.05	-0.41	0.03
Seoni	27.694	+0.13	N 38° W	4.4	91.0	65.3	104.4	+0.5	78.7	+2.0	111.6	71.9	22	-11	2.3	1	-0.8	0.12	-0.52	0.11
Nagpur	28.678	+0.17	N 42° W	6.1	93.3	70.0	109.5	+0.3	84.8	+2.8	113.1	77.8	28	-4	2.5	0	-1.8	0.12	-0.63	0.08
Pendra	27.666	+0.12	S 66° W	4.7	91.3	71.5	104.6	+2.3	79.9	+1.4	109.2	76.0	36	+5	2.4	1	-0.7	0.14	-0.70	0.12
Raipur	28.606	+0.02	S 58° W	3.5	92.8	70.5	108.5	+1.3	84.3	+2.5	112.9	80.3	30	-5	2.7	0	-2.1	0.01	-0.89	0.01
Chanda	29.050	-0.13?	S 60° W	3.9	92.9	71.3	110.2	+0.5	83.0	+0.9	114.5	73.2	32	-5	4.1	1	-0.5	0.16	-0.46	0.10
Jagdalpur	27.908	..	S 58° W	3.2	85.7	73.2	102.9	..	76.6	..	107.2	71.9	54	..	3.8	5	+0.3	2.48	+0.09	0.85
XIII.—Hyderabad.																				
Aurangabad	27.878	-0.06	N 60° W	10.6	84.7	67.1	103.2	-1.0	78.0	+2.8	107.9	70.3	39	-2	2.5	2	+0.6	1.50	+0.80	0.80
Nizamabad	28.479	?	S 81° W	8.1	89.4	70.0	107.9	+1.7	80.9	-0.3	111.9	72.3	37	-12	3.7	1	0	2.86	+2.55	2.80
Gulbarga	28.252	-0.05	N 54° W	6.5	85.6	68.9	105.6	+0.9	78.7	+0.2	110.5	72.3	43	-13	2.4	1	-1.2	1.05	+0.07	1.00
Raichur	28.443	+0.06	N 76° W	8.1	84.8	72.4	103.6	+0.1	79.6	+0.2	109.3	71.1	55	+2	3.5	3	+1.6	2.14	+1.35	1.34
Hyderabad (Deccan)	28.046	+0.19	N 85° W	4.9	85.6	72.9	103.8	+0.3	79.6	-0.8	108.2	72.8	54	+6	4.7	1	-0.9	0.31	-0.57	0.22
Hanamkonda	28.836	+0.06	S 13° W	5.5	89.3	74.1	106.6	+1.6	82.2	+0.4	112.0	72.8	48	0	3.0	1	-0.7	1.60	+0.96	1.60
XIV.—Mysore.																				
Chitaldrug	27.412	-0.04	S 87° W	6.3	77.2	72.4	95.0	+0.7	72.3	+0.8	99.9	64.7	79	+8	4.8	4	-0.4	3.10	+0.12	2.19
Hassan	26.727	+0.03	S 79° W	6.5	74.1	69.3	87.0	-1.7	67.5	+0.6	92.3	64.3	78	+3	4.6	10	+3.1	5.62	+0.70	1.89
Bangalore	26.836	-0.09	S 86° W	6.0	74.5	69.1	91.2	-0.4	68.7	-0.5	96.8	64.4	76	+1	6.7	9	+2.2	4.37	+0.21	1.08
Mysore	27.313	-0.20	S 70° W	5.5	76.1	70.3	90.2	-1.5	69.1?	-0.6	97.8	65.6	74	-2	4.8	12	+4.2	6.87	+1.59	2.00
XV.—Madras.																				
Mangalore	29.745	-0.11	N 82° E	5.7	82.9	77.6	90.7	-1.1	77.5	-1.1	93.3	70.2	78	+5	5.8	11	+4.6	7.54	+1.77	1.67
Calicut	29.790	+0.04	N 15° W	4.3	80.1	77.3	88.1	-2.1	77.1	-1.0	92.8	72.6	87	+8	7.6	17	+8.7	11.09	+3.31	2.88
Cochin	29.824	+0.12	S 81° E	3.8	81.8	77.2	87.8	-1.9	76.6	-0.9	91.7	72.4	81	0	7.2	15	+2.8	16.05	+4.47	2.87
Trivandrum	29.630	+0.15	N 55° W	4.2	79.7	76.8	84.7	-1.7	77.4	-0.7	89.2	73.8	87	+6	8.5	15	+5.0	7.79	-0.75	1.33
Pamban	29.724	-0.08	S 25° W	10.1	84.9	79.7	92.4	+1.0	80.6	-0.6	93.3	78.9	76	-3	3.9	1	-0.4	0.10	-0.68	0.10
Madura	29.302	-0.01	N 51° W	3.8	83.4	76.5	98.7	-1.8	78.1	+0.5	104.1	72.7	72	+1	3.6	9	+4.4	2.84	+0.10	0.62
Pudukkottai	29.450	-0.02	N 78° W	4.6	84.3	75.1	99.8	-1.5	78.3	-0.9	106.1	72.3	64	-5	1.5	4	+0.4	3.09	+0.81	1.68

(f) Mean of 26 days.

TABLE B.—MAY 1922—contd.

Abstract of 8 hrs. observations.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
XV.—Madras—contd.																				
Negapatam	29-729	+004	S 65° W	6-6	86-0	77-0	99-2	-1-4	80-1	-0-1	103-6	72-1	66	-2	5-4	3	+1-0	1-18	-0-50	0-92
Trichinopoly	29-508	-002	S 70° W	5-0	84-7	76-3	99-7	-2-0	77-6	-1-1	106-5	69-9	67	+1	3-9	10	+5-8	7-88	+4-67	1-95
Coimbatore	28-439	-007	S 24° W	4-1	80-0	73-9	93-3	-1-5	72-8	-0-7	99-1	68-6	74	-7	4-7	6	+1-3	2-33	-0-01	0-86
Salem	28-863	+005	S 51° W	3-4	81-5	75-1	97-5	-2-0	75-0	-1-2	104-5	69-1	73	0	4-9	10	+2-3	7-28	+2-50	1-52
Cuddalore	29-707	-001	S 37° W	6-9	85-9	77-7	97-6	-1-1	80-2	+0-1	106-0	75-4	68	-3	4-9	2	+0-8	0-71	+0-03	0-33
Vellore	29-056	+005	N 7° E	4-3	84-8	77-3	102-5	+2-7	79-2	+0-7	107-8	72-6	70	+5	2-5	5	+1-3	3-68	+1-37	1-53
Madras	29-707	-008	S 24° W	5-8	87-0	77-3	99-0	+0-5	81-1	-0-1	109-7	74-6	63	-2	4-3	2	+0-9	0-33	-0-68	0-16
Cuddapah	29-314	-006	N 89° W	..	88-1	75-9	106-3	0	82-7	-0-7	113-2	77-3	55	+1	5-7	2	-0-8	0-78	-0-83	0-46
Bellary	28-295	-005	N 70° W	5-4	84-4	74-5	102-8	+0-3	77-6	0	109-3	70-2	62	+9	4-8	4	+0-7	1-16	-0-79	0-51
Kurnool	28-819	-005	S 76° W	6-2	85-2	74-6	104-7	-0-4	81-6	+0-6	110-4	74-0	59	+3	5-4	2	-0-2	1-13	+0-17	0-55
Nellore	29-640	-010	S 36° W	3-7	87-5	77-5	102-1	-3-1	80-7	-0-9	109-2	73-3	63	0	6-3	2	+1-1	0-60	+0-02	0-30
Masulipatam	29-704	+001	S 31° W	5-2	87-8	80-0	100-3	+0-4	81-4	-0-3	110-8	73-7	70	-8	5-7	1	-0-9	0-75	-0-43	0-65
Cocanada	29-690	-003	S 58° W	6-1	88-0	80-0	99-4	-0-5	82-7	+0-4	110-3	76-9	69	-4	6-4	1	-1-3	0-16	-1-07	0-17
Vizagapatam	29-665	0	S 81° W	9-8	87-5	79-9	93-4	+1-5	82-9	+2-0	102-4	78-1	71	0	6-4	0	-2-9	0-06	-2-04	0-06
Calingapatam	29-671	..	S 47° W	8-2	87-3	80-8	95-9	..	81-6	..	111-2	70-9	75	..	4-4	1	-2-2	0-69	-2-51	0-69
Gopalpur	29-623	+008	S 24° W	11-9	85-7	82-4	91-0	+1-0	81-5	+1-4	93-9	75-9	87	+5	2-6	0	-3-1	0	-1-90	0
Bay Stations.																				
P. V. Fraser	29-682	..	S 26° W	..	84-3	81-1	..	..	..	..	..	..	86	..	4-1	0	-4-1	0-15	-2-18	0-09
Port Blair	29-718	-013	N 67° W	7-0	81-6	78-2	87-3	-1-4	77-6	-0-9	91-0	72-9	85	-1	6-5	12	-4-0	11-40	-4-44	3-67
Table Island	29-640	-047	S 60° W	6-3	82-2	78-2	87-5	-1-6	79-3	-0-3	91-2	71-0	83	+3	5-2	13	+2-3	15-11	+6-37	2-81
Kashmir.																				
Muzaffarabad	27-394	..	S 24° W	2-3	72-3	59-8	90-0	..	64-0	..	101-5	58-1	47	..	3-2	5	+1-0	2-36	-0-21	0-92
Srinagar	24-830	-009	N 51° W	2-5	62-0	55-3	75-2	-0-5	50-1	-1-7	84-7	41-7	33	-50	3-1	2	-3-6	0-87	-1-57	0-43
Gulmarg . . . . .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Dras	20-824	+034	S 72° W	2-7	40-8	39-9	52-1	-8-3	35-0	+1-9	65-2	26-8	92	+19	4-5	7	+1-6	5-78	+3-03	2-86
Leh	19-719	+004	S 9° W	3-0	48-1	36-8	62-7	-0-9	36-4	-0-3	69-4	32-0	37	-4	3-7	0	-0-7	0-08	-0-12	0-07
Skardu	22-853	+018	S 18° E	4-9	55-9	46-5	68-0	-3-3	47-0	-2-3	80-1	40-8	49	-6	3-3	5	+2-5	1-41	+0-21	0-70
Gilgit	25-140	+065	S 45° W	0-4	65-9	57-2	79-3	-4-0	55-3	-5-0	95-2	47-2	60	+13	4-7	6	+3-7	2-43	+1-63	1-07
Baluchistan.																				
Fort Sandeman	25-334	..	S 79° E	4-3	69-9	54-9	89-0	..	62-7	..	98-5	48-6	37	..	2-5	1	+0-2	0-62	+0-22	0-62
Quetta	24-583	+021	S	2-3	59-8	50-2	81-0	-2-4	49-2	-2-7	93-5	39-3	50	+6	1-6	1	0	0-12	-0-23	0-12
Chaman	25-598	-004	S 3° W	6-5	70-9	51-6	86-4	-4-5	61-7	-2-3	98-7	48-2	23	-12	1-7	0	-0-3	0-06	-0-03	0-06
Kalat	23-686	..	N 77° W	4-4	57-5	48-9	78-2	-5-4	44-8	..	89-8	37-1	55	+11	1-0	0	-0-7	0-13	-0-09	0-06
Daltandin	27-035	..	N 67° W	5-0	75-5	57-3	96-6	..	63-7	..	107-2	51-0	29	..	1-4	0	0	0	-0-02	0
Mirjawa	27-133	..	N 52° W	6-2	70-5	58-4	95-4	..	63-7	..	106-9	60-4	..	..	0-5	..	..	..	..	..
Pasni	29-724	..	N 48° W	9-3	80-5	72-2	95-0	..	73-7	..	109-9	67-5	67	..	3-0	0	0	0	0	..
Sanjur	26-649	..	N 23° E	4-6	69-5	58-8	94-1	..	65-1	..	105-6	54-8	52	..	1-5	..	0	0	..	0
Sistan (c)	28-052	..	N 45° W	11-3	71-5	59-9	90-4	..	65-0	..	106-8	51-2	49	..	1-5	0	0	0	..	0
Hill stations, excluding Kashmir and Baluchistan.																				
Parachinar	24-369	+027	N 79° W	0-9	65-6	52-2	77-1	-1-9	52-7	-3-0	90-4	41-5	42	-4	2-5	7	-0-2	1-35	-1-10	0-30
Gherat	25-608	+033	N 16° W	7-4	69-6	54-8	82-9	-4-2	64-9	-2-2	94-4	51-5	39	+2	2-2	2	-0-6	0-84	-0-94	0-50
Droch (c)	25-016	..	N 79° E	2-4	60-9	52-3	77-0	-4-7	56-8	-1-8	80-9	44-8	58	-2	2-0	6	+1-7	4-00	+1-90	0-96

(c) Aneroid.

(d) Mean of 30 days.

* Mean of 16 days.

TABLE B.—MAY 1922—concl'd.

Abstract of 8 hrs. observations.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Hill stations, excluding Kashmir and Baluchistan—cont'd.																				
Murree	23-919	—002	S 70° E	2.5	65.5	50.1	73.8	—2.3	63.1	+4.2	83.8	49.7	33	—8	2.8	5	0	1.80	—1.07	0.76
Simla	23-074	+039	N 1° E	5.1	65.1	49.1	72.9	—0.1	59.8	+1.5	78.3	48.6	30	—14	2.5	1	—3.9	0.55	—2.15	0.46
Chakrata	23-354	..	N 71° E	8.0	68.8	51.4	81.5	+7.3	59.4	+2.6	88.7	49.3	29	—19	1.5	2	—3.2	0.45	—2.07	0.32
Mukteswar	22-804	+010	N 88° W	7.6	64.9	49.3	76.3	+1.3	59.7	+4.3	80.6	49.0	32	—16	1.3	2	—3.4	0.37	—1.79	0.47
Darjiling	22-907	+016	S 75° W	0.7	58.9	56.1	66.8	+2.8	53.9	+1.8	71.4	49.6	85	—3	7.5	12	—2.2	5.23	—3.67	0.93
Kalimpong	25-881	..	N 62° W	7.5	68.3	64.2	76.4	..	63.6	..	82.8	59.0	80	..	3.5	8	..	6.61	..	2.38
Shillong	25-095	+063	S 24° W	3.9	68.1	61.2	76.6	+2.2	61.8	+3.0	83.7	56.1	68	—4	5.5	13	—4.7	5.91	—5.21	1.80
Cherrapunji	25-605	+014	S 45° W	3.7	67.8	63.5	73.7	+1.4	62.9	+2.9	78.8	52.9	79	—7	5.5	23	+1.5	31.55	—11.94	5.55
Maymyo	26-318	—013	S 50° W	1.1	72.0	68.3	81.2	—1.5	65.3	+1.1	87.0	56.0	83	+3	4.1	9	—3.4	5.85	—4.81	1.86
Pachmarhi	26-330	+004	N 61° W	4.6	83.6	63.6	98.5	+2.9	76.4	+1.1	105.0	67.6	82	—3	0.4	2	+0.7	0.50	—0.02	0.36
Mount Abu	25-986	+046	S 86° W	5.9	79.0	59.3	87.7	—0.5	70.5	—0.7	101.4	62.2	31	—6	0.7	2	+0.9	2.35	+1.67	1.18
Mercara	26-158	+016	N 72° W	3.5	69.1	66.4	78.5	—1.9	64.2	—0.3	82.6	61.0	87	+1	9.1	7	—1.6	5.14	—0.44	2.90
Ootacamund	22-994	+009	S 41° E	2.5	62.3	56.5	70.8	+0.9	52.6	—0.2	75.1	49.2	71	+8	6.0	13	+0.6	6.16	—0.80	1.29
Kodakanal	22-749	—021	N 19° W	7.2	60.8	54.6	68.9	—0.1	53.9	—1.0	75.2	50.2	69	+2	5.2	17	+6.0	9.25	+3.24	1.80
Extra India.																				
Trincomalee	29-684	+021	S 55° W	6.7	79.7	75.3	93.7	+0.6	77.7	—1.0	98.4	70.7	80	—1	4.7	7	+3.7	6.27	+3.94	2.90
Colombo	29-807	+005	S 35° W	4.1	79.0	76.1	87.7	—0.4	76.9	—1.2	91.1	70.1	87	+4	8.2	17	+3.9	22.53	+11.61	6.53
Hambantota	29-741	..	S 84° W	11.0	79.3	76.4	87.9	+0.3	77.5	+9.7	92.2	73.8	88	..	4.7	6	..	2.30	—0.80	0.79
Minicoy	29-845	+020	N 61° W	4.7	..	..	..	..	..	..	..	..	..	..	5.5	7	—1.6	4.44	—1.34	1.12
Amni Divl	29-805	—009	N 47° W	9.0	84.8	78.4	90.7	—0.1	80.1	—0.4	93.6	71.5	74	—2	6.6	5	+1.0	4.12	+1.16	1.63
Gangtok	24-210	—167	N 63° E	1.4	63.4	60.9	74.5	+2.1	58.7	+8.2	85.1	53.8	87	+5	5.7	16	—4.1	18.99	—0.12	5.11
Kashgar (c)	25-455	—075	N 50° W	2.1	66.0	58.4	81.3	+0.3	55.7	—2.0	94.8	46.8	65	+21	3.2	4	+2.8	1.48	+0.78	0.44
Mashed	25-954	..	N 24° W	1.3	59.4	53.5	79.0	+0.7	51.6	—3.9	97.9	43.2	68	+8	2.8	3	—0.3	1.37	+0.06	0.80
Jask	29-733	+028	N 19° W	8.1	83.0	72.6	94.5	+2.3	79.3	+0.9	103.7	73.3	61 (d)	—7	0.3	0	0	0	0	0
Muscat	29-751	+051	N 45° W	8.1	90.3	77.5	99.1	+5.4	84.3	—1.4	110.1	77.9	56	—3	0.2	0	0	0	0	0
Bushire	29-795	+045	N 69° W	5.5	81.6	70.0	87.4	—1.7	74.9	—0.7	98.2	65.4	54	—8	1.8	0	0	0	—0.02	0
Ispahan (c)	24-311	—034	N 82° W	1.7	62.6	51.2	81.5	—0.9	54.7	+1.1	94.4	40.2	47	—14	1.1	0	—0.8	0.01	—0.22	0.01
Tehran (c)	25-736	—116	N 39° E	3.2	62.7	55.0	78.2	—4.6	..	..	93.5	..	61	+14	3.3	4	+1.9	9.90	+0.42	0.43
Baghdad (e)	29-823	+127	N 27° E	3.5	80.6	63.3	96.6	+2.9	70.7	+2.4	102.9	55.9	34	—18	3.2	1	+0.3	0.18	—0.03	0.10
Aden	29-724	+015	N 41° E	8.8	83.6	76.2	90.7	—2.1	80.4	—0.9	95.6	75.7	70	—4	4.0	0	—0.3	0	—0.12	0
Zanzibar	29-937	+008	S 7° W	5.0	77.7	74.1	82.1	—0.4	75.4	—0.2	87.2	72.5	84	—2	7.1	15	+3.1	18.00	+2.03	2.50

(c) Aneroid.
(d) Mean of 20 days.(e) Mean of 29 days.
" " "

† Mean of 2 days.

TABLE B.—JUNE 1922.

Abstract of 8 hrs. observations.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
I.—Burma.																				
Victoria Point	29-652	..	S 11° W	6-2	79-1	77-5	83-3	..	73-2	..	85-8	68-2	93	..	7-8	25	+3-0	27-26	-4-35	4-96
Mergul	29-716	-014	S 23° E	3-9	78-2	76-9	85-7	-0-1	74-6	+0-9	89-9	72-7	94	+2	5-0	26	+1-7	21-09	-8-38	3-15
Tavoy	29-747	-029	S 43° E	2-4	78-0	76-5	84-6	0	75-7	+0-7	89-4	74-0	93	+1	9-2	28	+3-0	44-38	+2-36	5-40
Moulmein	29-671	-006	S 50° E	2-7	78-4	76-2	84-4	-0-3	75-1	+0-2	83-3	72-3	90	-2	9-5	30	+4-3	34-83	-0-97	4-10
Rangoon	29-704	-008	S 3° E	4-1	80-0	77-6	87-2	+0-9	77-2	+0-6	90-5	74-7	89	-3	9-5	24	+1-1	18-10	+0-15	2-20
Bassein	29-681	-007	S 7° W	2-1	80-4	78-0	87-5	+1-2	73-9	-2-6	90-8	76-2	89	-3	7-3	20	-3-4	13-83	-9-13	2-35
Diamond Island	29-645	-027	S 36° W	8-4	82-1	78-5	86-7	+1-2	77-8	+1-0	90-4	72-3	85	+1	8-2	17	-4-0	15-22	-8-98	3-25
Teungoo	29-541	-015	S 47° E	3-0	78-9	76-3	88-5	-0-5	74-0	-0-5	91-4	73-3	88	-1	7-8	18	-2-4	8-94	-5-26	1-62
Kyaukpypu	29-620	..	S 28° E	1-5	80-5	78-3	86-1	..	77-2	..	89-3	74-7	90	..	8-0	28	+4-0	37-62	-1-35	7-87
Akyab	29-597	-038	S 9° E	3-6	80-7	78-5	85-6	-0-3	76-8	-1-1	90-2	73-8	90	-3	9-3	28	+4-1	56-84	+10-97	7-93
Minbu	29-468	-035	S 41° E	1-9	82-1	77-3	94-9	+2-6	78-0	+0-3	101-7	76-1	80	-3	4-9	10	+0-1	4-95	-0-78	1-61
Yamethin	29-027	-015	..	..	81-0	76-0	94-6	+3-5	75-7	+0-4	98-5	71-6	79	-4	6-6	8	-1-0	2-54	-2-81	0-47
Mandalay	29-395	-025	S	8-4	84-7	77-3	97-3	+2-6	79-6	+0-9	103-9	75-0	71	-5	7-1	8	+0-4	4-81	-0-95	1-75
Monywa	29-372	-018	S 29° E	2-7	83-8	77-2	98-0	+4-7	79-8	+1-3	103-6	75-1	73	-8	8-4	6	-1-1	5-11	-0-60	2-67
Lashio	26-906	-026	S 21° W	2-2	74-1	70-7	84-2	-0-3	71-0	+1-4	93-0	60-0	85	-2	9-2	13	-2-8	5-46	-4-91	0-76
Bhamo	29-259	-019	Calm	0-4	79-1	77-7	90-5	+0-5	75-3	+1-0	95-2	73-2	94	+4	8-7	18	-0-9	17-80	+3-62	3-60
Myitkyina	29-134	-047	N 45° E	2-2	78-2	76-2	88-7	+1-0	75-5	+0-2	99-6	72-4	91	+1	8-7	16	-3-6	11-10	-3-67	2-62
II.—Assam.																				
Dibrugarh	29-230	-041	N 72° E	0-7	78-0	77-5	86-2	-0-9	74-1	+0-2	94-3	68-3	98	+6	8-1	23	+4-4	17-14	-0-81	2-75
Sibsagar	29-251	-049	S 52° E	1-5	78-9	77-3	87-4	-1-4	77-1	+0-8	93-6	71-3	93	+1	9-7	18	+1-2	11-01	-2-85	2-44
Tezpur	29-340	-018?	E	1-7	79-3	77-5	88-7	+0-2	77-1	+0-5	92-8	73-2	92	+1	6-6	18	+2-6	13-53	+2-29	2-71
Gauhati	29-390	-033	E	1-5	80-7	77-7	88-3	-0-9	76-7	+0-5	95-3	72-1	87	-2	7-4	17	+1-1	8-09	-5-52	1-21
Dhubri	29-451	-029	N 85° E	6-1	79-5	77-3	84-4	-1-5	76-8	+0-7	91-1	70-6	90	-1	8-6	18	+0-3	29-90	+6-47	6-62
Silchar	29-460	-041	S 67° E	1-3	81-6	79-1	90-4	+1-2	76-6	+0-5	97-3	70-4	89	0	5-1	23	+2-2	21-04	-1-02	2-61
Srimangal	29-532	..	..	..	79-9	77-7	90-7	+0-6	73-5	-1-9	96-1	68-2	90	+2	3-6	22	+1-5	12-48	-6-41	1-68
III.—Bengal.																				
Cox's Bazar	29-562	..	S 28° E	4-6	80-7	78-7	86-4	..	76-6	..	90-3	73-8	91	..	7-9	25	+5-8	39-94	+13-92	7-29
Chittagong	29-500	-034	S 34° E	5-2	80-6	77-8	87-4	+0-6	77-0	+0-1	91-4	74-7	88	+2	6-8	19	+2-6	21-75	+0-96	3-26
Noakhali	29-528	-036	S 29° E	6-6	81-3	78-9	86-6	-0-6	77-9	+0-7	93-8	74-0	90	+2	6-9	19	+0-7	34-76	+13-26	5-54
Barisal	29-533	-034	S 9° E	4-3	81-5	79-0	86-5	-2-3	77-7	-0-5	92-6	74-2	89	+2	7-1	23	+6-3	31-51	+15-19	4-85
Narayanganj	29-527	-036	S 20° E	2-4	82-0	78-9	87-6	-1-5	77-4	-0-8	95-7	73-2	86	+3	8-1	18	+3-6	16-14	+3-04	3-00
Mymensingh	29-498	-042	S 43° E	2-1	81-5	77-9	88-0	+0-6	77-8	+0-9	93-5	70-9	84	-5	8-8	24	+5-7	19-53	+0-54	1-81
Bogra	29-490	-018?	S 66° E	1-4	81-7	79-4	89-9	+0-4	77-3	+0-1	96-0	66-9	90	+3	7-3	18	+3-6	16-66	+2-62	4-55
Dinajpur	29-408	-043	S 75° E	3-3	80-6	78-2	88-9	-0-6	77-7	+0-6	94-8	63-3	89	0	7-8	19	+5-2	26-52	+12-45	4-90
Jaipalguri	29-293	-023	S 47° E	2-0	79-6	77-2	88-9	+0-6	76-4	+0-7	95-4	71-0	91	+2	6-2	20	+2-5	30-25	+7-18	7-40
Saugor Island	29-503	-033	S 38° W	11-9	82-9	79-2	87-3	-3-2	79-2	-2-4	92-3	74-7	85	+2	8-6	16	+3-9	21-71	+10-61	5-51
Midnapore	29-380	-038	S 45° E	2-7	82-4	77-9	90-1	-4-0	78-4	-0-6	98-2	75-3	81	-1	8-4	12	-0-8	15-73	+5-84	4-23
Calcutta	29-493	-038	S 8° W	4-0	81-6	79-2	88-9	-2-6	78-3	-0-5	95-2	74-1	89	+4	8-8	20	+7-0	22-89	+11-08	4-13
Jessore	29-516	-016	S 36° E	3-1	81-4	78-3	88-4	-2-9	77-9	-0-8	94-5	73-4	87	-1	6-0	19	+4-7	25-07	+12-30	6-42
Khulna	29-513	..	S 14° W	2-4	82-5	79-4	88-1	..	77-4	..	93-1	71-7	87	..	8-1	20	..	24-61	..	5-05
Satkhira	29-519	..	S 16° W	0-9	83-0	80-7	87-2	..	74-1	..	94-8	68-0	90	..	6-9	19	..	22-52	..	4-43
Burdwan	29-404	-044	S 35° W	1-8	81-4	78-6	89-2	-4-5	77-4	-1-8	97-1	71-0	88	+5	8-3	17	+4-4	31-76	+21-9	6-50

(h) = Mean of 22 days.

(e) Mean of 29 days.

TABLE B.—JUNE 1922—*contd.**Abstract of 8 hrs. observations.*

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
III—Bergal—<i>contd.</i>																				
Asansol	29.085	..	..	..	81.6	78.2	90.6	..	74.1	..	102.3	68.8	85	..	7.7	14	+2.1	26.71	+17.06	5.03
Berhampore	29.461	—0.28	S 37° E	3.1	81.9	79.1	90.4	—2.0	77.8	—0.6	98.6	68.2	88	+1	8.3	21	+0.0	23.49	+13.66	2.88
IV.—Bihar and Orissa.																				
Balasore	29.462	—0.30	S 45° W	3.3	82.0	79.0	91.4	—1.7	77.9	—1.1	100.4	74.5	87	+6	7.4	13	+1.7	7.94	—1.71	1.95
Hukitala (False Point)	29.509	—0.22	S 36° W	9.2	..	..	..	..	..	..	..	..	..	..	5.7	12	+2.2	8.26	—0.23	2.61
Cuttack	29.463	—0.10	S 64° W	2.5	82.5	77.4	94.7	—1.1	78.0	—4.6	106.8	71.3	78	0	5.8	14	+2.7	12.26	+2.46	2.72
Puri	29.527	—0.11	S 43° W	10.6	83.6	80.1	88.3	—0.9	80.3	—0.6	91.9	73.2	85	0	7.4	9	+1.3	7.22	+0.02	1.30
Angul	29.072	—0.20	N 48° W	4.6	82.5	77.9	93.7	—1.5	78.2	—0.3	103.4	72.4	81	+3	7.6	13	+0.0	8.62	+0.83	2.00
Sambalpur	29.033	—0.34	S 36° W	3.7	83.6	76.7	96.2	—1.7	80.3?	—0.7	106.0	75.2	73	+4	5.0	9	—1.5	5.58	—4.35	1.38
Bhaibasa	28.765	—0.35	S 48° W	2.5	82.3	77.4	94.3	0?	78.2	+0.7	105.1	73.8	80	+2	7.6	12	+0.5	9.55	+1.28	2.00
Ranchi	27.422	—0.15	S 73° W	3.9	78.8	73.3	87.9	—4.4?	74.6	—0.9?	97.9	70.3	78	+6	6.2	16	+4.4	11.45	+2.11	2.25
Purulia	28.712	—0.01	S 63° W	2.0	81.8	76.3	91.6	—5.8	77.1	—1.7	104.5	73.7	77	—2	8.2	17	+6.6	20.15	+12.68	6.44
Daltonganj	28.776	—0.17	N 82° E	4.6	81.9	76.6	95.1	—5.7	76.1	—5.0?	105.5	69.5	79	+3	4.6	11	+2.2	11.29	+5.07	3.34
Purnea	29.396	—0.47	N 86° E	2.8	80.3	78.3	88.9	—3.0	77.0	—0.4	96.1	69.0	91	+4	7.4	16	+4.2	20.62	+9.53	4.49
Monghyr	29.347	..	N 85° E	3.7	81.5	78.1	90.9	..	77.7	..	105.2	70.9	86	..	7.0	15	+4.6	15.38	+5.00	3.50
Darbhanga	29.357	—0.28	S 82° E	2.4	81.4	78.0	89.7	—2.7	78.2	—0.8	99.2	73.4	86	+3	9.0	13	+3.9	17.65	+9.28	5.27
Pusa	29.324	..	N 85° E	3.2	81.9	79.1	91.3	..	78.0	..	100.8	74.1	88	..	8.0	13	+3.7	20.03	+10.20	6.76
Patna	29.318	—0.21	S 86° E	4.4	83.3	79.1	91.5	—4.8	79.4	—0.6	104.6	73.9	83	+6	7.8	10	+2.1	12.10	+4.07	3.93
Buxar	29.256	—0.23	N 83° E	2.9	83.1	78.5	94.4	—3.8	79.1	—1.6	105.3	72.0	81	+10	6.5	8	+0.6	5.56	+0.37	1.80
Gaya	29.133	—0.15	S 38° W	2.5	84.8	78.6	94.3	—5.5	79.8	—0.9	105.8	74.5	75	+2	6.8	12	+4.3	8.93	+1.71	3.03
Naya Dumka	29.012	—0.38	Calm	1.4	81.7	77.6	90.2	—3.5	77.1	—1.2	102.0	68.0	83	+3	7.2	20	+8.3	30.58	+20.45	4.52
V.—United Provinces of Agra and Oudh.																				
Gorakhpur	29.270	—0.06	E	0.8	81.6	77.7	91.2	—5.8	77.8	—1.6	104.7	70.6	84	+6	3.5	12	+3.8	9.96	+2.40	2.52
Benares	29.227	—0.18	N 59° E	2.9	87.5	78.8	98.9	—1.9	81.2	—0.8	110.8	74.1	68	0	6.1	5	—0.9	3.31	—1.73	1.56
Allahabad	29.197	—0.02	N 45° W	4.1	88.4	77.3	103.8	+1.2	82.2	—0.7	113.1	71.8	60	0	4.6	1	—4.3	0.42	—4.17	0.15
Cawnpore	29.088	—0.04	N 46° E	2.3	87.9	77.3	101.3	—0.4	82.7	+0.3	108.3	69.1	61	0	2.9	2	—2.3	1.22	—1.78	0.70
Lucknow	29.134	—0.09	S 50° E	2.0	87.0	78.3	100.6	—0.9	80.8	—0.7	110.9	70.0	67	+2	3.8	2	—3.4	3.14	—1.24	2.12
Bahraich	29.115	—0.04	S 86° E	2.4	81.8	77.0	93.6	—4.9	77.7	—2.1	107.8	68.5	80	+6	4.0	7	0	9.13	+3.22	4.70
Jhansi	28.692	—0.25	S 47° W	6.0	87.3	74.9	103.3	—0.5	81.9	—3.1	111.0	68.6	56	0	4.2	8	+2.5	3.55	—0.93	1.59
Agra	28.941	—0.17	S 35° E	4.1	90.8	77.1	103.5	—0.9	83.4	—1.5	112.8	67.2	53	—1	2.8	3	—0.8	2.50	+0.18	1.13
Mainpuri	28.979	—0.15	S 66° E	1.9	88.1	77.7	101.7	—1.9	80.7	—2.0	113.6	66.6	63	+4	5.0	6	+1.9	3.41	+0.74	1.70
Bareilly	28.913	—0.37	S 83° E	3.4	85.2	78.5	97.3	—3.0	80.9	+0.7	107.5	68.7	74	+7	5.3	5	—0.2	2.33	—2.68	0.92
Roorkee	28.605	—0.19	S 72° E	2.6	85.3	74.6	98.9	—1.8	79.0	+0.1	108.9	66.5	61	+2	4.1	4	—1.5	4.52	—0.46	2.70
VI.—Punjab.																				
Delhi	28.793	—0.03	W	3.4	86.1	75.1	100.1	—3.5	79.8	—4.0	108.0	64.8	60	+7	3.6	6	+1.9	2.44	—0.62	1.08
Hissar	28.760	—0.09	S 23° W	6.2	86.7	74.4	102.5	—4.4	80.6	—3.0	114.5	64.0	56	+7	1.9	4	+0.9	2.10	+0.34	0.83
Patiala	28.509	—1.92	S 37° E	5.0	86.2	74.9	99.7	—2.8	80.9	0	112.4	66.5	61	+4	5.5	6	+2.7	3.61	+1.40	1.16
Ambala	28.584	—0.38	N 84° E	4.4	86.4	73.5	101.0	—2.0	80.5	+0.3	113.6	67.0	54	—5?	3.2	8	+3.0	4.62	+0.77	2.10
Ludhiana	28.666	—0.23	S 22° W	3.2	85.6	72.6	103.2	—1.9	81.5	+0.4	112.9	68.0	51	+4	4.7	5	+1.4	1.50	—1.10	0.35
Lahore	28.758	—0.27	S 62° W	2.2	87.3	74.9	104.0	—3.4	80.7	+0.6	113.9	71.7	56	+6	2.4	5	+2.0	1.72	—0.04	0.60
Sheikot	28.629	—0.36	N 73° E	2.2	88.8	74.7	103.6	—2.3	80.0	—0.9	114.9	69.7	52	+2	1.6	7	+3.3	3.20	+0.70	0.98
Rawalpindi	27.815	—0.50	N 77° E	1.3	89.2	70.1	104.4	+0.9	78.0	+2.6	113.7	68.1	37	—7?	1.0	2	—1.5	0.76	—1.31	0.46

(e) Mean of 29 days.

(f) Mean of 26 days.

(x) Mean of 24 days.

TABLE B.—JUNE 1922—contd.

Abstract of 8 hrs. observations.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
VI.—Punjab—contd.																				
Khushab	28-843	—030	S 89° E	2.6	88.6	79.0	106.1	—1.4	81.9	—0.5	120.0	72.6	66	+25	2.2	3	+0.5	1.86	+0.41	0.90
Lyallpur	28-830	..	S 23° E	4.2	87.3	73.6	105.8	..	81.1	..	115.6	71.0	51	..	2.3	4	+1.6	2.36	+0.81	2.00
Montgomery	28-889	—025	S 5° E	6.0	87.5	74.8	104.6	—4.5	81.2	—2.7	112.6	69.6	55	+15	2.5	6	+4.5	3.05	+2.06	1.29
Multan	29-004	—028	S 36° W	3.6	90.0	76.6	106.7	—1.6	85.8	+1.6	112.9	77.7	52	+2	1.0	0	—1.3	0	—0.64	0
VII.—North-West Frontier Province.																				
Peshawar	28-357	—054	N 8° E	1.0	87.9	72.4	108.8	+2.9	77.2	—0.1	119.4	67.0	47	+6	0.6	1	+0.1	0.45	+0.09	0.45
Dera Ismail Khan	28-870	—025	N 45° E	2.6	88.9	75.4	105.9	—2.0	82.3	+1.2	117.4	74.3	52	—3	1.2	2	+0.8	0.51	—0.15	0.27
VIII.—Sind.																				
Jacobabad	29-251	—023	S 53° E	3.8	91.3	79.4	109.0	—4.0	85.5	+1.2	120.1	77.4	58	+3	0.2	0	—0.4	0	—0.20	0
Hyderabad	29-362	—042	S 31° W	11.7	86.8	77.9	102.3	—1.9	82.3	+0.6	105.8	78.9	65	+3	2.1	0	—0.8	0	—0.49	0
Karachi	29-497	—030	S 66° W	12.6	85.9	81.1	90.8	—0.2	82.9	+0.5	93.4	81.1	81	+1	6.8	0	—0.7	0	—0.97	0
IX.—Rajputana.																				
Bikaner	28-717	—023	S 51° W	8.2	89.6	76.1	106.9	—0.2	84.7	—0.8	114.4	71.9	52	—2	0.7	2	—0.4	0.21	—1.22	0.11
Jodhpur	28-750	—023	S 45° W	6.9	86.0	74.6	103.2	—1.4	82.7	0	108.5	75.6	54	—3	3.6	2	—0.1	0.58	—0.68	0.44
Jaipur	28-120	—018	S 58° W	4.8	86.9	73.7	102.3	—1.7	79.3	—2.8	109.5	71.6	53	0	2.6	5	+1.2	2.02	+0.45	1.01
Ajmer	27-944	—031	S 71° W	6.9	84.0	73.7	99.9	—1.1	81.1	—0.6	105.2	66.2	61	0	2.2	4	+1.7	2.19	—0.05	0.67
Kotah	28-684	—031	S 72° W	3.0	90.2	75.4	105.0	—1.0	83.8	—2.7	111.6	75.2	49	+1	2.8	3	—1.2	3.13	+0.59	1.63
X.—Bombay.																				
Deesa	29-120	—012	S 59° W	11.1	86.8	77.4	103.8	+1.5	81.5	+1.0	109.0	77.5	64	—3	6.5	3	—0.1	0.99	—1.09	0.35
Bhuj	29-217	—029	S 62° W	11.5	86.6	78.1	96.2	—1.3	76.4	—3.4	99.6	73.5	67	—7	5.8	2	—0.3	0.69	—1.15	0.45
Jan nagar . . . . .	..	..	S 48° W	13.7	87.6	78.7	97.3	+1.1	80.3	+0.2	101.9	69.8	66	—8	3.8	1	—1.8	0.15	—1.79	0.15
Dwarka	29-544	—035	S 51° W	12.4	84.9	79.7	90.3	—1.3	83.4	+1.5	91.7	81.7	79	—1	3.7	1	—1.7	0.77	—1.71	0.72
Rajkot	29-153	—030	S 45° W	13.8	85.2	77.6	101.0	+1.1	79.5	+1.7	104.1	74.1	70	—4	6.0	1	—4.1	0.22	—4.15	0.20
Veraval	29-599	—014	S 64° W	13.0	84.1	80.0	86.7	+0.3	82.7	+1.5	88.1	80.5	83	—1	4.7	4	—0.3	1.25	—3.02	0.51
Bhavnagar Para	29-557	—022	S 61° W	4.3	86.3	77.6	99.6	—0.2	80.2	—0.1	104.6	73.8	67	—4	5.6	5	+0.1	4.37	—0.19	2.10
Surat	29-589	—020	S 41° W	5.5	84.8	78.8	92.4	—1.0	81.0	+1.4	98.3	74.4	75	—2	8.1	9	+1.1	14.05	+5.44	10.24
Ahmadabad	29-446	+011	S 78° W	4.5	86.2	77.7	103.5	+2.0	81.6	+0.3	107.6	76.3	67	—1	6.8	5	—0.2	3.09	—1.51	0.99
Bombay	29-629	—020	S 49° W	8.9	82.1	78.2	87.9	—0.1	79.9	+0.2	93.0	76.4	83	+1	7.0	17	+2.7	26.48	+7.70	7.85
Ratnagiri	29-487	—018	S 30° W	7.1	80.1	76.7	85.4	—1.4	76.3	—1.1	90.7	72.5	86	+3	6.4	25	+5.1	38.43	+9.46	5.90
Marmagao	29-663	—006	N 47° W	7.1	80.0	77.5	85.3	—1.4	76.3	—1.3	91.4	73.2	89	+3	7.3	25	+5.0	35.24	+5.11	6.48
Karwar	29-694	—009	S 31° W	2.2	80.0	77.0	85.5	+0.3	76.6	+0.4	91.8	73.6	87	+3	7.1	25	+2.3	37.71	+0.07	5.17
Malegaon	28-200	—021	S 42° W	9.1	81.9	73.7	95.8	+0.1	75.0	—0.1	103.4	73.0	67	—1	5.3	10	+2.9	5.89	+1.33	1.75
Ahmadnagar	27-534	—015	N 85° W	6.5	78.3	71.7	91.9	+0.1	71.7	—0.4	99.8	68.8	72	—2	6.3	9	+1.5	6.18	+1.05	2.09
Poona	27-839	—012	S 42° W	7.4	77.8	71.5	89.9	+0.1	72.5	—0.1	95.8	69.7	73	+1	5.0	8	+6.4	5.58	+0.57	1.82
Sholapur	28-101	—001	W	8.0	79.4	73.0	93.8	—1.4	72.0	—0.7	101.5	63.3	74	+7?	3.7	6	—6.7	7.54	+2.77	4.60
Bijapur	27-749	—013	S 88° W	8.8	77.5	71.6	90.2	—1.5	71.8	0	96.7	69.5	74	—2	5.2	3	—2.6	3.17	—0.02	1.86
Belgaum	27-194	—005	S 77° W	6.5	73.1	69.6	82.6	+1.4	68.2	+0.2	91.1	66.8	84	—2	9.3	7	—6.4	8.73	+0.49	2.49

TABLE B.—JUNE 1922—contd.

Abstract of 8 hrs. observations.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
XI.—Central India.																				
Neemuch	27-957	—031	S 84° W	8.1	83.3	76.2	98.2	—0.5	76.0	—0.8	106.3	65.8	70	+1	4.0	6	+1.1	9.07	+5.06	3.60
Indore	27-793	—018	N 84° W	5.4	80.1	73.2	96.1	+0.8	75.0	—0.6	103.5	69.6	72	0	6.6	9	+1.5	5.14	—0.41	2.25
Nowgong	28-759	—016	N 77° W	3.6	87.1	74.8	102.3	—0.3	81.8	—1.3	110.1	72.1	56	—1	3.8	7	+0.9	1.75	—4.49	0.66
Sutna	28-470	—015	S 79° W	3.6	86.4	74.0	99.6	—0.5	81.4	—0.6	108.8	68.8	59	+4	3.5	7	+0.7	7.33	+1.74	2.89
XII.—Central Provinces.																				
Buldana . . . . .	..	..	N 83° W	7.7	78.2	72.1	83.2	+0.6	73.7	+0.2	100.2	69.2	74	..	5.6	10	+0.8	4.00	—2.11	0.97
Akola	28-685	—014	N 80° W	8.0	83.0	74.5	99.2	+0.4	78.0	0	106.6	72.7	66	0	5.8	10	+1.9	6.19	+0.92	2.44
Amraoti	28-381	—022	N 78° W	6.8	82.1	73.3	98.0	+0.2	77.2	—0.1	104.2	71.1	66	—3	6.8	10	+1.4	8.56	+2.01	1.33
Khandwa	28-549	—025	S 85° W	7.9	82.3	74.5	100.9	+2.5	76.6	—2.4	106.6	69.9	69	+3	6.5	7	+0.1	3.26	—1.92	1.65
Hoshangabad	28-575	—013	S 71° W	3.5	82.2	75.0	98.3	—1.2	76.4	—3.3	107.5	71.4	72	+6	4.8	13	+5.0	7.13	+1.43	1.85
Saugor	27-730	—053	N 78° W	7.0	81.3	72.5	96.4	—2.4	76.2	—2.2	103.4	64.6	66	+5	4.5	8	+0.1	7.34	+0.70	2.05
Jubbulpore	28-208	—028	S 72° N	3.1	83.0	74.6	96.2	—1.9	78.0	—0.9	104.1	67.5	68	+7	4.6	7	—1.9	5.33	—2.17	1.16
Seon	27-556	—019	N 76° W	4.0	81.6	72.5	93.7	—1.7	74.8	—0.7	101.4	70.1	65	+2	5.0	13	+1.7	10.77	+1.91	2.23
Nagpur	28-565	—008	N 70° W	6.1	84.0	73.4	98.4	—0.8	78.5	—0.5	105.0	73.3	60	—4	5.7	14	+3.8	7.79	—0.99	1.49
Pendra	27-522	—017	S 76° W	5.2	83.1	73.7	93.7	—1.0	76.5	—0.5	104.5	72.0	65	+5	3.1	13	+1.5	8.10	+0.60	1.95
Rajpur	28-591	—004	S 65° W	4.7	83.7	74.1	97.5	—0.3	79.1	—0.2	109.4	74.1	65	+1	7.2	9	—0.6	7.79	—0.26	1.68
Chanda	28-948	—028	S 62° W	6.1	85.4	76.4	98.7	—0.6	79.6	—0.2	107.9	74.0	67	+5	7.6	11	+1.5	7.04	—0.28	2.08
Jagdalpur	27-801	..	S 60° W	4.0	80.5	73.3	92.1	..	74.6	..	100.4	70.5	72	..	6.3	13	+3.5	10.23	+1.10	1.75
XIII.—Hyderabad.																				
Aurangabad	27-769	—018	S 84° W	10.2	74.3	71.7	92.3	—2.2	72.4	—0.4	101.1	70.8	74	+5	6.0	13	+5.4	9.27	+3.53	1.93
Nizamabad	28-397	?	S 67° W	4.8	80.8	73.6	95.1	—2.1	75.5	—1.7	102.1	71.0	71	+2	7.2	15	+7.0	6.92	+1.52	1.70
Gulbarga	28-176	—013	S 86° W	7.0	78.5	71.6	95.4	—0.1	73.9	—0.1	102.0	70.6	71	—2	5.7	6	—1.1	2.69	—2.12	1.35
Rajchur	28-379	0	N 87° W	8.7	78.9	72.4	94.6	—0.5	71.8	—2.4	100.8	69.0	73	+4	4.9	6	+0.2	1.95	—1.61	0.50
Hyderabad (Deccan)	27-961	+005	N 84° W	7.8	79.5	72.7	95.4	+0.8	75.3	—0.9	101.5	64.2	72	+4	7.7	6	—0.6	2.07	—2.57	1.29
Hanamkonda	28-749	—007	N 75° W	5.2	83.8	74.1	95.8	—2.2	79.0	—0.8	103.0	71.5	63	+4	6.4	13	+5.7	3.29	—2.49	0.70
XIV.—Mysore.																				
Chitaldrug	27-853	+002	N 89° W	7.3	74.2	70.9	87.1	+0.8	69.7	—0.4	91.8	67.6	85	+6	1.3	4	—2.2	1.52	—1.52	0.97
Hassan	26-679	+009	S 84° W	8.8	72.2	67.5	81.6	+1.0	65.8	—0.2	87.2	64.3	78	—5	7.9	3	—7.0	1.64	—2.39	0.97
Bangalore	26-785	—008	S 74° W	9.4	71.5	67.6	85.6	+0.7	66.5	—0.4	91.3	64.8	81	+1	8.6	5	—0.8	2.72	—0.22	1.42
Mysore	27-272	—013	S 62° W	7.9	74.3	69.1	84.8	0	67.5	—0.6	91.0	65.6	76	—4	5.7	7	+0.4	3.60	+0.51	2.02
XV.—Madras.																				
Mangalore	29-703	—014	S 85° E	4.8	78.5	75.8	84.8	—0.5	74.2	+6.2	89.9	71.7	88	+2	8.2	28	+3.6	32.30	—4.20	3.28
Calicut	29-762	—007	S 66° W	2.7	77.7	76.4	83.5	—1.2	75.3	+0.2	88.8	72.9	94	+5	8.7	23	—0.9	25.96	—8.09	6.40
Cochin	29-806	+002	S 81° E	3.2	78.7	76.1	84.1	—1.2	74.5	—0.3	88.7	69.9	80	+2	8.3	27	+3.0	30.31	+1.88	5.88
Trivandrum	29-616	+007	N 48° W	4.9	77.1	75.3	82.2	—0.8	75.3	—0.5	85.1	72.0	92	+5	8.2	19	+2.3	11.69	—1.42	1.88
Pamban	29-697	—014	S 40° W	12.9	84.6	79.5	92.5	+2.3	80.4	+0.1	93.4	79.1	75	—3	4.1	0	—0.4	0.03	—0.09	0.03
Madura	29-264	—010	N 51° W	6.1	83.8	74.9	97.5	—0.5	77.9	+0.8	102.4	75.0	65	+1	7.1	2	—0.3	2.80	+1.37	1.45
Pudukkottai	29-408	—009	N 77° W	4.5	84.2	73.6	99.3	+0.4	78.3	0	104.8	75.1	58	—6	2.4	3	+0.1	1.10	—0.23	0.38
Negapatam	29-698	0	S 77° W	6.2	85.1	74.4	98.1	+0.5	79.2	—0.2	102.0	73.1	59	—5	4.9	3	+0.8	1.67	+0.36	1.20

(h) Mean of 26 days

(i) Mean of 14 days.

(e) Mean of 29 days.

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TABLE B.—JUNE 1922—contd.

Abstract of 8 hrs. observations.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
XV—Madras—contd.																				
Trichinopoly	29-471	—009	S 60° W	7-7	85-3	75-1	99-4	+0-4	79-1	+0-5	104-1	74-7	60	—2	4-4	2	—0-1	0-61	—0-85	0-33
Coimbatore	28-401	—012	S 39° W	6-3	79-1	72-3	89-8	+0-2	71-5	—0-3	93-5	70-9	72	—9	3-9	3	—1-7	0-98	—0-74	0-52
Salem	28-826	+001	S 38° W	4-6	78-4	73-8	94-1	—1-2	74-2	—0-3	99-2	71-6	79	+4	5-0	9	+3-8	4-64	+1-61	1-34
Cuddalore	29-666	—008	S 52° W	6-4	86-3	76-1	99-9	+1-0	80-8	+0-8	104-5	74-2	61	—7	5-2	2	—0-6	0-59	—0-89	0-36
Vellore	29-013	+008	N 14° W	6-0	83-0	75-9	97-7	+0-8	78-6	0	101-5	69-4	71	+8	4-2	6	+1-3	3-93	+1-47	2-10
Madras	29-658	—014	S 51° W	5-3	86-1	76-0	100-9	+2-0	81-0	+0-1	106-7	74-3	61	—1	5-8	7	+3-4	2-05	+0-28	0-87
Cuddapah	29-263	—011	N 89° W	..	85-9	75-0	101-0	+0-8	80-3	—0-2	105-6	74-9	59	—2	6-5	5	+0-5	1-68	—1-32	0-60
Bellary	28-238	—002	W	8-2	81-2	71-5	95-4	+0-6	75-6	—0-2	99-5	70-1	61	+1	6-6	0	—3-7	0-12	—1-85	0-07
Kurnool	28-763	—007	N 83° W	9-2	81-5	73-1	97-2	+0-1	78-0	+0-9	101-7	75-4	64	+4	6-4	1	—4-7	0-68	—2-26	0-48
Nellore	29-584	—019	N 68° W	2-8	87-6	75-3	100-8	—0-8	82-0	—0-1	105-5	75-7	55	—5	7-3	4	+1-3	1-56	+0-35	0-59
Masulipatam	29-613	—020	N 67° W	5-7	86-7	77-9	99-9	+1-7	81-0	+0-5	109-6	75-2	66	—11	8-2	4	—2-0	2-56	—1-88	1-50
Cocanada	29-574	—024	S 70° W	6-8	85-1	78-1	97-6	+0-9	80-2	—0-9	106-7	74-2	73	—1	7-6	8	+1-7	2-68	—1-97	0-63
Vizagapatam	29-534	—023	N 79° W	8-6	86-2	79-0	94-3	+2-9	82-3	+2-0	101-0	75-5	72	—1	8-9	4	—2-5	1-74	—3-17	0-68
Calingapatam	29-537	..	S 65° W	6-9	84-4	79-3	93-2	..	80-0	..	101-4	71-8	79	..	6-9	8	+2-1	4-62	+0-25	1-80
Gopalpur	29-491	—014	S 32° W	8-2	84-1	80-8	89-5	—0-1	79-4	—0-1	94-9	73-4	86	+3	6-8	10	+2-2	4-90	—1-04	1-70
Bay stations.																				
P. V. Fraser	29-513	..	S 42° W	..	85-1	81-7	..	..	..	..	..	..	86	..	6-4	10?	+0-1?	11-07	+4-13?	4-84
Port Blair	29-663	—028	S 47° W	8-7	81-1	77-7	85-0	—0-3	77-1	—0-7	88-0	72-1	85	—3	7-4	19	—2-0	19-92	+0-68	3-70
Table Island	29-553	—079	S 25° W	14-7	81-0	78-4	84-7	—1-3	77-7	—0-1	89-4	72-4	89	+1	6-9	24	+7-3	16-63	+1-15	3-11
Kashmir.																				
Muzaffarabad	27-173	..	S 25° W	2-3	81-0	65-8	98-9	..	73-9	..	112-4	65-1	44	..	2-3	6	+0-4	2-20	—1-45	0-60
Srinagar	24-644	—065	S 37° W	2-1	71-2	62-1	80-3	+3-9	58-4	+0-8	95-6	51-5	60	—22	2-0	2	—1-7	0-81	—0-71	0-65
Gulmarg	21-733	—034	N 40° E	4-7	62-6	54-1	70-4	+3-6	45-5	+2-0	84-7	39-0	61	—16	2-9	4	—5-0	4-99	+1-52	2-78
Dras	20-725	+001	N 59° W	5-1	54-5	52-9	60-8	—4-1	44-7	+3-6	78-2	38-9	91	+31	3-6	2	—0-3	0-41	—0-23	0-17
Leh	19-625	—032	S 11° E	1-8	54-2	43-4	68-5	—3-5	44-9	+1-0	78-8	35-3	47	+8	4-5	1	+0-3	0-47	+0-28	0-35
Skardu	22-669	—073	S 9° E	5-7	66-7	53-5	82-3	+2-9	55-7	+0-4	92-1	49-4	43	—6	2-6	0	—0-8	0-16	—0-12	0-09
Gilgit	24-905	—025	S 45° W	0-4	78-8	64-4	95-9	+2-7	66-3	—0-8	102-4	57-2	46	+6	2-2	2	+0-7	0-29	—0-08	0-13
Baluchistan.																				
Fort Sandeman	25-155	..	N 13° W	4-3	81-5	64-1	101-8	..	75-4	..	110-5	69-0	38	..	0-4	0	—1-8	0	—0-76	0
Quetta	24-423	—027	Calm	2-0	70-8	59-3	91-1	+4-5	59-6	+1-1	99-9	51-7	51	+5	0-2	0	—0-4	0	—0-17	0
Chaman	25-402	—066	S 23° W	6-3	82-8	56-3	100-5	+0-8	73-1	+0-9	100-7	62-0	13	—21	0-4	0	0	0	—0-03	0
Kalat	23-549	..	S 23° W	3-4	67-6	56-2	92-1	+0-9	53-4	+5-5	98-8	45-7	49	+15	0-4	0	—0-6	0	—0-27	0
Dalbandin	26-803	..	S 69° W	5-7	86-4	63-9	109-0	..	73-5	..	113-8	63-1	25	..	1-1	0	—0-2	0	—0-04	0
Mirjawa . . . . .	..	..	N 51° W	4-4	86-6	65-9	106-5	..	79-0	..	110-6	71-9	32	..	0-9	0	..	0	..	0
Pasni	29-484	..	S 64° W	6-6	84-0	80-5	93-1	..	81-1	..	104-1	75-2	85	..	5-6	0	—0-8	0	—1-46	0
Pasjgur	26-453	..	N 7° W	5-4	79-9	68-1	105-0	..	75-2	..	109-5	67-2	57	..	1-4	0	..	0	..	0
Saistan (c)	27-778	..	N 45° W	14-2	81-5	64-4	102-0	..	77-7	..	111-2	73-5	37	..	1-1	0	..	0	..	0
Hill stations excluding Kashmir and Baluchistan.																				
Parachinar	24-232	—033	N 65° W	1-0	77-4	59-3	90-2	+2-6	63-5	0	100-8	53-1	35	—4	0-3	2	—2-8	0-24	—1-96	0-13
Cherat	25-480	+003	N 4° W	2-9	78-6	61-5	93-3	—0-5	73-8	+0-6	105-8	63-3	38	—4	1-3	3	+1-0	1-26	+0-03	0-90
Dresh (c)	24-804	..	E	2-7	74-2	68-3	92-1	+1-3	70-5	+3-1	101-3	63-2	37	—13	0-1	2	+0-2	0-87	+0-25	0-70

(c) Aneroid.

(d) Mean of 29 days.

TABLE B.—JUNE 1922—concl'd.

Abstract of 8 hrs. observations.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Highest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Hill stations excluding Kashmir and Baluchistan—concl'd.																				
Muzree	23-803	—050	S 42° E	3.5	70.6	57.5	81.6	—0.1	67.4	+3.3	94.2	55.5	46	—3	2.4	7	+1.3	4.20	+0.52	1.86
Simla	22-946	—019	N 8 W	4.0	64.1	57.4	71.3	—2.9	59.1	—1.7	78.5	45.6	68	+7	5.9	14	+4.5	6.99	+0.27	3.28
Shakrata	23-221	?	N 62° E	8.8	64.2	58.5	75.7	+1.4	58.3	—1.9	83.3	47.6	73	+6	5.2	8	—2.6	6.33	—1.62	1.88
Mukteswar	22-671	—041	S 80° W	6.5	60.9	56.7	71.6	—3.5	57.5	—0.5	78.2	48.1	78	+9	5.4	9	—1.1	2.90	—3.35	0.59
Dajiling	22-792	—032	S 67° E	0.3	60.5	59.2	65.1	—0.4	57.4	+1.2	68.9	51.1	93	—1	9.1	23	+2.6	38.61	+14.61	5.87
Kalimpong	25-743	..	S 45° W	5.5	69.0	67.5	75.1	..	66.1	..	79.6	60.3	93	..	8.5	20	..	28.72	..	3.85
Shillong	24-965	+018	S 15° W	2.6	68.4	65.4	73.7	—0.7	64.4	+1.2	78.3	57.5	86	+3	8.4	22	+2.9	21.21	+4.21	5.94
Cherrapunji	25-463	—033	S 2° W	5.7	67.7	66.1	71.8	—0.4	65.8	+1.8	78.9	61.7	91	—3	8.7	26	+1.9	28.35	+34.12	22.99
Natarhat . . . . .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Maymyo	26-222	—034	S 63° W	1.8	70.8	68.3	77.2	—1.2	66.8	+0.9	80.0	62.0	88	+2	8.0	10	—3.7	8.83	—0.63	2.88
Pachmarhi	26-196	—019	S 83° W	5.1	74.5	68.8	87.2	—0.2	70.9	—1.4	95.0	63.6	76	+7	4.8	11	+0.4	6.34	—2.94	1.35
Mount Abu	25-806	—007	S 41° W	8.3	71.2	67.2	82.4	—1.2	67.5	—1.0	88.8	64.8	80	+8	6.8	6	—0.4	3.26	—2.02	1.88
Mercara	26-102	+007	S 88° W	4.9	65.7	64.9	71.1	—1.7	62.9	—0.5	75.0	61.3	96	+2	9.7	24	+0.7	25.19	—0.68	3.65
Ootacamund	22-936	—004	N 82° W	5.3	58.0	54.8	65.5	+1.8	52.7	+0.5	71.0	49.4	83	+5	7.8	7	—6.8	4.27	—2.80	0.97
Kodaikanal	22-699	—019	N 80° W	8.7	58.5	54.1	65.9	+0.8	52.8	—0.9	71.0	50.4	76	+1	6.1	11	+0.9	4.28	+0.26	0.97
Extra India.																				
Trincomalee	29-649	+003	S 66° W	8.0	80.2	75.2	93.9	+2.3	78.3	—0.2	98.6	74.0	78	—2	6.6	2	+0.1	2.27	+0.91	1.84
Colombo	29-787	—011	S 60° W	4.5	80.2	76.8	86.6	+0.5	77.5	0	87.7	73.1	85	+1	8.4	18	+4.7	7.95	+0.93	2.16
Hambantota	29-715	..	S 77° W	10.6	78.3	75.9	86.5	—0.7	77.1	+1.0	92.1	75.2	89	..	5.5	11	..	4.16	+1.82	0.82
Minicoy	29-824	+009	N 78° W	8.5	..	..	..	..	..	..	..	..	..	..	5.6	18	+0.9	9.17	—1.89	3.59
Amini Divi	29-757	—014	N 88° W	12.1	83.0	78.3	87.9	+0.9	77.8	—0.3	92.4	73.7	80	—3	7.6	17	+0.8	12.18	—1.79	1.61
Gangtok	24-081	—222	S 19° E	0.9	64.9	63.3	72.6	—1.3	62.2	+7.3	78.1	55.0	92	+2	8.9	25	+2.6	18.64	—2.01	2.01
Kashgar (c)	25-335	—115	N 36° W	2.0	74.7	66.1	89.7	+0.9	62.5	—1.3	101.8	55.3	64	+22	2.4	0	—0.8	0.06	—0.22	0.08
Meshed	25-801	..	N 67° E	1.1	69.5	60.9	90.8	+3.3	60.0	—1.2	96.9	51.5	61	+12	0.9	0	—0.7	0	—0.31	0
Jask	29-406	—114	N 37° E	11.4	87.9	79.4	98.9	+3.0	85.2	+1.9	113.1	81.7	69	—2	0	0	—0.1	0	—0.07	0
Muscat	29-456	—022	N 17° W	6.3	95.4	80.4	103.5	+7.6	90.5	+2.0	115.8	84.1	(c) 53	—11	1.6	0	—0.2	0	—0.14	0
Bushire	29-491	—047	N 72° W	8.5	88.2	78.2	94.3	+2.5	83.2	+2.6	99.1	78.8	63	—3	0.3	0	0	0	0	0
Ispahan (c)	24-138	—117	N 76° W	1.5	75.2	60.5	95.4	+1.6	65.2	+3.9	100.4	61.2	43	—9	0	0	—0.1	0	—0.03	0
Tehran (c)	25-551	—161	S 37° E	3.6	72.3	63.0	90.7	—3.6	..	..	95.7	..	60	+18	1.8	0	—0.3	0	—0.09	0
Baghdad	29-566	+027	N 17° W	..	88.0	66.6	106.4	+1.9	79.5	+3.4	114.2	75.0	28	—10	0.5	0	0	0	0	0
Aden	29-579	—013	N 61° E	4.4	86.6	79.8	94.5	—0.3	83.8	—0.2	96.4	81.8	73	+2	4.3	0	—0.1	0	—0.06	0
Zanzibar	29-986	—009	S 18° W	4.7	75.8	72.4	81.1	—0.6	73.9	—0.2	83.4	71.8	84	0	6.3	8	+4.8	3.99	+2.21	1.54

(c) Aneroid.

(e) Mean of 29 days.

Q 2

TABLE B.—JULY 1922.

Abstract of 8 hrs. observations.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
I.—Burma.																				
Victoria Point	29.658	..	S 48° W	8.8	79.0	78.0	83.0	..	74.7	..	85.4	70.7	94	..	8.4	26	+1.4	29.65	-3.76	3.25
Mergui	29.717	—009	S 27° E	3.7	76.5	75.5	82.8	—1.9	73.8	+0.8	87.7	70.1	96	+3	6.1	23	+2.4	46.15	+14.29	4.26
Tavoy	29.755	—020	S 18° E	2.4	76.4	75.4	81.2	—1.9	74.7	+0.5	85.4	73.0	95	+2	9.5	31	+3.7	74.86	+24.46	5.69
Moulmein	29.670	—006	S 25° E	3.2	77.0	75.4	82.1	—1.0	74.4	+0.2	86.6	72.0	93	0	9.0	29	+1.3	39.87	—6.52	4.08
Rangoon	29.701	—008	S 1° E	4.8	79.0	77.2	84.7	—0.5	76.3	+0.4	89.9	73.9	92	—1	9.7	26	+0.6	25.53	+3.98	2.18
Bassein	29.673	—011	S 31° W	3.1	79.4	77.5	84.1	—0.7	75.1	—0.9	88.6	73.3	91	—2	7.9	22	—4.1	21.73	—3.43	2.77
Diamond Island	29.642	—029	S 44° W	9.6	89.9	78.4	84.9	+0.5	76.2	+0.2	91.2	70.0	89	+3	8.1	23	—0.3	29.32	+3.29	5.89
Toungoo	29.537	—014	S 54° E	3.3	78.0	75.7	85.8	—1.1	74.8	—0.1	90.7	72.6	90	—1	8.4	25	+0.5	13.46	—4.27	1.62
Kyaukpau	29.609	..	S 45° E	2.1	79.3	77.6	85.0	..	76.7	..	88.3	74.0	93	..	7.7	29	+2.6	46.04	—2.05	6.90
Akyab	29.581	—042	S 24° E	4.4	79.6	77.8	83.8	—0.7	76.8	—0.5	88.6	73.3	92	—2	9.6	27	—0.5	57.25	+3.76	6.45
Minbu	29.458	—037	S 44° E	4.3	80.2	76.8	91.2	+0.4	77.5	+0.2	98.7	75.7	85	+1	6.8	6	—3.2	4.80	+0.37	2.46
Yamethin	29.017	—018	..	..	79.3	75.3	90.1	+0.5	75.7	+0.9	97.9	73.6	83	—2	7.1	8	—0.8	3.75	—0.16	1.58
Mandalay	29.390	—016	S	7.3	83.4	77.4	95.9	+1.4	79.5	+0.9	104.5	76.9	76	+1	7.5	3	—2.9	1.66	—1.71	0.71
Monywa	29.365	—005	S 33° E	3.6	82.6	77.2	95.8	+0.9	80.1	+1.0	104.0	77.7	77	—3	7.6	4	—0.3	2.51	—0.09	1.24
Lashio	26.890	—025	S 28° W	2.0	73.1	70.8	82.6	—0.7	70.5	+0.7	90.1	68.0	90	+1	9.3	24	+6.5	12.82	+0.36	1.41
Bhamo	29.254	—003	Calm	0.4	78.5	77.4	87.5	—0.4	76.0	+0.9	93.6	74.3	95	+2	9.5	20	—0.1	22.42	+5.16	5.66
Myitkyina	29.131	—030	E	2.0	77.9	76.4	85.1	—2.0	75.8	0	93.2	73.8	93	+2	9.6	27	+5.6	17.23	—1.80	2.41
II.—Assam.																				
Dibrugarh	29.229	—021	N 77° E	0.6	79.2	77.5	86.4	—0.8	74.8	—0.6	96.3	71.3	93	0	7.5	20	—2.0	22.57	+0.08	3.62
Sibsagar	29.243	—033	S 33° E	1.5	80.4	78.9	88.3	—1.3	78.5	+0.7	93.2	75.8	93	+1	9.5	19	—0.6	15.51	—1.56	2.18
Tezpur	29.323	—010	N 69° E	1.0	80.5	78.7	88.8	—0.6	78.2	+0.5	94.8	75.6	92	+1	7.2	20	+2.4	10.86	—3.07	1.77
Gauhati	29.390	—003	N 15° W	1.3	81.7	78.7	90.0	—0.4	78.1	+0.1	95.0	74.3	87	—1	6.9	13	—1.6	12.31	+1.50	2.97
Dhubri	29.455	+001	S 75° E	4.1	80.3	78.5	84.6	—1.5	78.6	+0.4	89.2	75.5	92	+1	6.7	15	—0.9	10.63	—6.05	2.71
Silchar	29.482	—032	N	1.2	81.6	79.3	90.8	+0.7	77.4	+0.2	97.6	75.4	90	0	3.9	22	—0.6	13.84	—6.06	1.86
Srimangal	29.531	..	..	..	79.7	77.8	92.1	+2.1	73.9	—2.6	96.9	71.9	91	+4	3.3	19	—2.9	13.55	—3.42	2.45
III.—Bengal.																				
Cox's Bazar	29.550	..	S 12° E	4.4	80.9	78.8	86.4	..	77.2	..	91.3	74.4	90	..	7.2	21	—1.7	27.90	—6.08	4.60
Chittagong	29.490	—028	S 54° E	4.9	80.9	78.1	88.4	+2.6	77.6	+1.1	93.0	75.5	88	0	6.5	18	—0.6	16.85	—4.93	3.35
Noakhali	29.528	—019	S 42° E	7.1	81.6	79.0	86.4	+0.7	78.7	+1.3	90.8	74.8	89	—1	6.3	22	—1.0	21.38	—3.29	4.06
Barisal	29.524	—025	S 32° E	4.5	82.2	79.7	87.7	+0.3	79.1	+0.5	90.8	76.5	89	0	6.6	17	—3.5	13.44	—2.04	3.48
Narayanganj	29.524	—020	S 29° E	2.7	82.6	79.4	88.0	—0.2	79.0	—0.1	91.9	76.6	86	—4	8.7	15	—2.3	7.95	—4.51	1.35
Mymensingh	29.492	—016	S 40° E	1.5	82.3	78.6	88.6	+1.2	79.1	+0.9	93.1	76.1	84	—6	8.9	15	—4.8	12.53	—3.82	4.52
Bogra	29.486	—002	S 67° E	1.1	82.7	80.6	88.9	0	79.3	+0.8	92.1	76.9	91	+3	8.1	14	—2.6	13.53	+0.48	5.48
Dinajpur	29.407	—020	S 76° E	3.5	82.5	79.8	88.2	—1.2	80.1	+1.5	93.3	77.8	89	—1	7.7	18	+0.9	8.74	—6.53	1.80
Jaipauri	29.293	—007	S	1.2	80.3	78.7	88.8	+0.4	77.3	+0.2	95.3	74.3	93	+2	6.2	22	+0.4	37.70	+6.84	5.80
Saugor Island	29.481	—037	S 7° W	12.5	83.3	79.6	87.2	—0.7	79.8	—0.6	90.2	74.7	84	—3	8.4	17	+1.1	7.13	—8.24	1.70
Midnapore	29.340	—041	S 59° E	2.8	83.0	78.9	89.1	—0.9	79.7	+1.2	94.4	77.4	83	—3	9.0	13	—3.2	10.61	—2.21	3.27
Calcutta	29.477	—036	S 23° E	3.8	82.1	79.8	88.9	+0.5	79.2	+0.6	92.6	75.1	90	+2	9.3	14	—4.2	14.50	+1.76	5.67
Jessore	29.507	—008	S 48° E	3.7	82.4	79.2	86.6	—0.5	79.6	+0.6	91.6	77.1	86	—3	4.0	16	—1.6	13.06	+0.73	3.30
Khulna	29.508	..	S 10° E	3.5	82.8	79.3	86.1	..	78.9	..	91.5	76.0	88	..	7.8	19	..	14.52	..	2.57
Satkhira	29.510	..	S 27° E	0.3	83.6	82.0	86.9	..	75.1	..	91.1	69.0	91	..	6.0	23	..	12.62	..	1.48
Burdwan	29.389	—045	S 23° E	1.4	82.5	79.8	89.5	—0.7	79.9	+0.6	93.0	76.2	89	+2	8.6	12	—3.9	8.36	—3.51	3.79

(s) Mean of 15 days.

(d) Mean of 30 days.

(e) Mean of 20 days.

(f) Mean of 28 days.

(i) Mean of 25 days.

TABLE B.—JULY 1922—contd.

Abstract of 8 hrs. observations.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
III.—Bengal—contd.																				
Asansol	29.070	..	..	..	82.4	79.8	90.3	..	75.3	..	94.3	74.0	89	..	9.0	22	+5.7	18.56	+6.28	6.05
Berhampore	29.451	—018	S 53° E	2.9	83.5	80.5	89.4	—0.1	80.0	+1.2	92.6	77.2	87	—4	9.1	17	+1.2	8.50	—2.51	1.38
IV.—Bihar and Orissa.																				
Balasore	29.432	—019	S 42° W	3.5	82.0	79.4	89.4	+0.4	78.7	+0.3	95.0	74.7	88	+2	7.5	13	—1.3	20.80	+9.60	5.50
Hukitala (False Point)	29.474	—042	S 21° W	9.7	..	..	..	..	..	..	..	..	..	..	5.3	19	+4.8	31.83	+19.69	12.67
Cuttack	29.437	—025	S 75° W	2.1	81.8	77.7	89.0	—0.9	75.3	—3.3	96.4	70.2	82	0	5.1	19	+3.6	23.06	+11.37	6.30
Puri	29.497	—029	S 47° W	9.5	82.8	79.7	86.7	—1.0	80.1	+0.3	90.9	76.0	87	+1	7.6	15	+3.0	14.21	+4.28	5.61
Angul	29.047	—050	N 62° W	5.5	80.9	78.0	87.3	—0.8	77.4	+0.3	92.8	75.4	87	+2	8.3	20	+5.8	21.28	+10.47	3.60
Sambalpur	29.019	—041	S 48° W	3.5	79.1	77.2	86.4	—1.1	76.9	—0.5	92.8	70.3	91	+6	6.2	24	+4.2	15.69	—4.64	2.95
Chaibasa	28.745	—039	S 52° W	2.1	80.6	77.4	89.8	—0.8	77.8	+0.7	94.6	75.2	86	+5	8.3	18	+2.5	12.75	+0.71	1.69
Ranchi	27.339	—014	S 42° W	3.1	76.1	74.1	83.7	—0.7	73.8	+0.5	89.3	71.9	91	+3	8.8	23	+5.3	17.63	+2.56	2.20
Purulia	28.693	—010	S 2° W	1.8	81.4	77.6	90.6	+0.5	77.9	+1.0	96.3	74.6	83	—5	9.2	20	+4.0	12.03	—0.41	1.35
Daltonganj	28.764	—020	S 5° E	3.5	80.4	77.6	89.0	—2.3	75.0	—3.1	97.4	71.7	88	+5	6.2	20	+5.5	17.43	+6.95	2.62
Purnea	29.396	—022	N 88° E	2.3	82.2	80.2	88.1	—1.7	79.0	+0.2	93.2	76.1	91	+1	6.7	19	+2.4	13.08	—0.89	2.30
Monghyr	29.341	..	S 87° E	3.5	82.7	79.6	89.5	..	79.4	..	93.2	76.9	87	..	7.1	15	+0.1	9.49	+0.12	1.87
Darbhanga	29.349	—014	E	2.0	82.1	79.3	88.5	—1.0	79.4	—0.2	92.7	75.5	88	0	8.9	17	+3.0	17.05	+5.40	6.16
Pusa	29.314	..	N 81° E	3.5	82.9	80.8	89.7	..	79.2	..	93.5	76.1	91	..	8.9	15	+2.1	18.56	—8.14	5.00
Patna	29.304	—017	S 88° E	4.6	83.3	80.5	89.2	—1.4	80.0	+0.2	93.2	77.2	88	+2	9.3	16	+2.0	13.02	+0.96	2.77
Ruxar	29.238	—026	N 88° E	2.3	81.1	79.5	88.7	—2.3	78.7	—0.3	93.7	75.6	93	+9	8.9	18	+4.9	17.24	+6.51	2.10
Gaya	29.119	—018	S 81° E	2.4	83.2	79.7	90.7	—1.1	79.3	+0.5	95.2	76.6	85	+2	7.8	21	+6.0	20.88	+8.34	4.82
Naya Dumka	28.909	—035	S 87° E	1.9	83.0	79.2	89.0	—0.2	78.6	+0.9	92.1	76.8	84	—3	7.2	16	—1.9	12.74	—0.76	3.57
V.—United Provinces of Agra and Oudh.																				
Gorakhpur	29.250	—006	E	0.8	81.5	79.2	88.5	—2.5	78.7	—0.5	93.1	75.8	90	+3	4.6	19	+4.9	23.98	+11.08	3.30
Benares	29.208	—025	S 60° E	2.1	82.5	79.9	89.4	—2.6	79.0	—0.7	95.3	75.0	89	+6	8.5	17	+3.2	24.61	+13.30	4.90
Allahabad	29.283	—005	N	2.7	82.2	79.2	90.0	—2.5	79.1	—0.6	96.1	74.0	87	+6	9.5	16	+2.1	16.07	+4.39	2.74
Cawnpore	29.070	—004	S 52° E	1.8	82.3	79.2	90.3	—3.0	79.3	—0.7	99.0	74.1	86	+2	6.6	18	+0.0	13.17	+2.04	2.79
Lucknow	29.111	—017	S 45° E	1.0	83.2	79.2	92.6	—0.1	79.4	0	101.5	74.0	83	+1	7.4	13	+0.1	18.03	+6.64	4.16
Bahraich	29.094	—004	E	2.1	82.5	79.1	89.4	—2.7	79.0	0	95.4	75.1	86	+1	6.8	17	+5.3	28.13	+17.44	5.98
Jhansi	28.665	—030	S 48° W	3.9	81.7	77.6	92.2	+0.3	78.2	—1.1	103.3	71.8	83	+4	6.8	19	+5.7	15.23	+3.78	3.79
Agra	28.915	—023	W	3.4	86.7	80.5	94.9	+0.8	81.3	+0.4	108.0	73.2	76	—1	6.9	9	—2.2	7.32	—1.78	2.39
Mainpuri	28.965	—012	S 72° E	1.3	83.8	80.0	92.0	—2.8	79.2	—1.2	103.2	72.9	84	+6	7.8	13	+3.5	15.86	+9.12	3.52
Bareilly	28.903	—028	S 77° E	2.9	82.5	79.7	88.7	—3.4	79.2	+0.4	95.2	73.4	89	+5	8.5	17	+4.5	25.71	+12.24	5.08
Roorkee	28.593	—007	S 40° E	1.7	81.4	77.8	90.4	—1.7	78.1	0	98.1	72.2	85	+5	7.1	12	+0.4	17.00	+4.98	4.08
VI.—Punjab.																				
Delhi	28.778	+003	S 64° E	2.6	84.2	78.8	95.0	+0.6	78.7	—2.2	106.0	73.2	78	+4	6.7	8	—1.1	4.35	—3.32	1.17
Hissar	28.735	—012	S 10° E	5.4	87.2	78.9	100.9	+0.4	82.0	+0.1	110.0	75.7	69	+2	3.9	3	—2.4	2.39	—1.50	1.30
Patiala	28.627	—051	S 56° E	..	83.2	79.1	94.6	0	79.3	—0.2	102.2	71.0	83	+5	5.4	10	+1.7	7.02	+1.03	1.60
Amritsar	28.569	—036	S 68° E	3.5	82.4	77.7	93.6	—1.0	78.5	—0.3	101.8	72.0	81	—1	6.9	14	+4.4	17.22	+9.81	4.05
Ludhiana	28.645	—028	S 83° E	2.7	83.7	77.4	98.9	+1.7	80.2	—0.2	108.9	73.4	75	+2	3.7	8	—0.2	4.95	—2.97	2.45
Lahore	28.734	—032	S 39° E	2.5	88.0	79.4	102.6	+2.1	83.3	+3.1	110.8	75.3	68	—2	3.5	3	—3.0	2.00	—8.36	1.28
Sialkot	28.621	—029	N 88° E	2.3	85.3	78.8	97.2	—0.7	79.9	0	108.7	72.5	75	+4	3.6	6	—0.3	6.26	—1.80	2.12

(d) Mean of 30 days.

TABLE B.—JULY 1922—contd.

Abstract of 8 hrs. observations.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
VI.—Punjab—contd.																				
Tawalpindi	27-813	—028	S 88° E	1-3 (k)	88-3	76-1	101-8	+4-4	80-6	+4-1	111-2	72-1	58	—11	1-3	8	—0-9	7-60	—0-08	2-52
Khushab	28-827	—027	N 67° E	4-0	89-3	83-0	104-7	+2-1	82-8	+0-5	114-2	67-4	76	+12	1-9	3	—1-6	2-90	—0-04	1-15
Lyallpur	28-808	..	S 32° E	4-0	90-0	78-6	105-2	..	84-4	..	113-1	75-6	59	..	3-2	4	+0-1	1-47	—2-12	0-68
Montgomery	28-861	—032	S 23° E	5-0	89-9	78-1	105-1	+0-8	84-9	+1-0	111-4	74-3	59	+1	1-8	1	—2-4	0-37	—1-06	0-16
Multan	28-972	—037	S 29° W	2-9	90-8	79-8	106-3	+2-0	86-4	+2-1	112-7	76-7	61	—2	2-1	1	—1-2	0-58	—1-49	0-47
VII.—North-West Frontier Province.																				
Peshawar	28-331	—048	N 9° W	0-6	90-5	77-8	111-0	+8-3	81-0	+1-8	119-4	73-1	56	—5	0-7	1	—1-1	1-12	—0-25	1-12
Dera Ismail Khan . .	28-851	—020	N 63° E	2-4	90-5	79-3	106-5	+3-4	84-5	+2-1	114-2	77-3	60	—10	1-2	0	—2-8	0-04	—2-18	0-08
VIII.—Sind.																				
Jacobabad	29-224	—014	S 40° E	2-4	92-9	80-6	106-3	—2-1	87-1	+2-5	112-5	80-6	57	—9	1-4	0	—1-4	0	—0-97	0
Hyderabad	29-345	—017	S 35° W	11-1	87-5	78-9	101-7	+2-5	83-3	+2-4	107-3	80-9	67	—1	3-1	1	—2-2	0-32	—2-67	0-32
Karachi	29-475	—015	S 74° W	12-0	85-5	80-8	90-8	+2-6	82-9	+2-5	93-4	79-0	81	—2	7-1	0	—2-6	0-20	—2-91	0-06
IX.—Rajputana.																				
Bikaner	28-692	—018	S 69° W	5-7	88-7	77-7	104-5	+3-5	83-6	+0-5	110-0	76-9	60	—5	3-0	6	+1-0	4-74	+1-61	3-10
Jodhpur	28-721	—012	S 45° W	5-5	84-3	75-9	98-5	+0-8	80-5	0	105-5	73-7	67	—3	7-2	10	+5-1	4-53	+9-75	1-55
Jaipur	28-091	—015	S 70° W	3-6	83-6	76-2	94-8	+0-1	78-6	+0-1	102-5	73-2	71	—3	6-6	7	—3-2	6-62	—1-31	2-83
Ajmer	27-904	—030	S 66° W	6-0	80-7	73-9	92-9	+1-1	79-2	+1-2	101-8	73-8	72	—7	4-3	8	—0-9	5-34	—1-12	2-57
Kotah	28-650	—030	S 80° W	2-0	83-8	76-7	93-2	—1-5	79-5	—1-1	103-6	72-2	72	+1	5-7	14	+3-8	9-41	+0-09	2-02
X.—Bombay.																				
Deesa	29-083	0	S 60° W	9-1	82-8	77-3	95-8	+3-1	79-2	+1-2	104-9	76-1	78	—3	8-2	10	—0-4	6-10	—3-33	1-85
Bhuj	29-189	—014	S 70° W	10-3	84-1	77-2	92-6	+1-9	74-5	—3-5	99-4	71-1	72	—9	7-7	4	—2-4	3-88	—3-04	1-59
Jamnagar . . . . .	..	..	S 41° W	9-5	84-3	74-9	90-9	—0-6	78-1	—1-0	95-5	75-6	75	—1	5-3	8	+0-2	5-69	—2-74	3-10
Dwarka	29-516	—008	S 61° W	13-1	83-1	78-3	88-0	+1-3	81-2	+0-6	92-1	78-1	80	—3	8-3	4	—2-1	4-19	—2-91	3-08
Rajkot	29-122	—021	S 44° W	11-3	81-1	77-2	91-5	+0-4	76-5	+0-4	102-3	74-1	83	0	7-2	14	+3-0	6-78	—4-44	1-53
Veraval	29-573	—007	S 60° W	16-8	81-7	78-6	84-2	+0-4	80-5	+0-9	88-2	78-0	87	—1	8-6	8	—1-5	3-39	—3-77	0-87
Bhavnagar Para . . .	29-534	+0-03	S 56° W	2-2	82-5	76-6	92-1	—1-3	77-9	—0-7	99-2	73-8	78	0	7-5	9	—0-3	4-33	—2-33	0-93
Surat	29-569	—001	S 30° W	4-7	80-3	77-5	86-2	—1-2	77-3	—0-3	90-4	73-6	88	+3	9-2	22	+6-3	14-31	—2-78	3-60
Ahmadabad	29-416	0	S 59° W	3-4	81-3	77-8	98-3	+5-6	77-9	—0-7	102-6	74-9	85	+4	7-7	15	+2-6	10-35	+4-47	2-91
Bombay	29-624	—006	S 76° W	10-4	79-6	76-7	84-0	—0-6	77-2	—0-5	88-1	75-2	87	+1	9-2	27	+5-4	31-15	+6-16	8-47
Ratnagiri	29-507	+0-04	S 65° W	9-5	78-6	75-7	82-2	—1-7	75-0	—0-9	84-8	72-3	87	0	9-5	30	+4-4	42-79	+8-00	6-22
Marmagao	29-679	+0-06	N 64° W	10-0*	78-5	76-7	82-0	—1-7	75-1	—1-0	85-8	72-0	92	+2	9-2	30	+4-1	36-19	+4-05	4-58
Karwar	29-713	+0-01	S 45° W	3-5	78-5	75-8	82-3	—0-6	75-1	—0-1	85-7	72-0	88	+2	7-8	31	+3-8	42-41	+3-39	4-66
Malegaon	28-177	+0-15	S 46° W	7-6	79-0	72-7	87-7	—0-1	73-6	+0-2	92-7	71-7	73	—3	8-0	2	—6-1	2-28	—2-79	1-90
Ahmadnagar	27-521	—003	N 84° W	8-3	75-8	70-4	84-4	—1-0	70-7	0	90-8	68-2	76	—4	8-2	4	—2-7	1-35	—2-48	0-65
Poona	27-827	—001	S 45° W	7-6	73-9	70-5	80-2	—2-3	70-3	—0-6	85-5	69-1	84	+2	8-8	14	+1-4	5-06	—2-30	0-77
Sholapur	28-082	—004	S 80° W	10-0	76-7	71-5	86-6	—2-7	71-6	—0-3	94-1	68-0	77	+3	5-1	8	+0-1	3-66	—0-76	0-95
Bijapur	27-748*	—004	S 82° W	10-6	74-8	70-3	84-6	—2-1	70-7	0	90-9	68-4	79	—1	8-2	3	—1-8	1-23	—1-17	0-67
Eelgaum	27-194	+0-05	S 77° W	7-1	69-7	68-3	74-7	—1-0	67-8	+0-3	78-1	65-0	93	0	10-0	29	+6-8	19-14	+2-06	8-36

(*) Mean of 23 days.

* Mean of 30 days.

TABLE B.—JULY 1922—contd.

Abstract of 8 hrs. observations.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Highest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
XI.—Central India.																				
Neemuch	27-919	—026	S 88° W	7-1	79-1	75-6	87-7	—0-3	74-8	+0-4	95-7	71-8	85	+2	7-3	12	+1-6	12-81	+4-09	3-45
Indore	27-756	—019	N 89° W	3-4	75-6	72-8	83-9	—1-2	72-7	0	92-3	70-3	87	+1	9-7	19	+6-4	12-85	+3-09	2-30
Nowgong	28-736	—022	S 70° W	2-4	80-7	77-3	89-7	—0-8	77-6	—1-0	99-4	72-6	85	+4	7-8	20	+6-1	15-97	+2-48	2-63
Sutna	28-441	—024	S 45° W	1-1	78-9	76-5	85-7	—2-7	76-5	—1-0	93-3	71-8	90	+8	8-0	17	+1-9	25-76	+11-89	0-21
XII.—Central Provinces.																				
Buldana . . . . .	..	..	S 82° W	6-4	74-6	70-7	82-9	—1-1	71-2	+0-4	89-4	68-9	82	..	7-8	13	—0-5	7-52	—1-46	1-64
Akola	28-670	—008	S 84° W	6-4	78-6	73-8	88-3	—0-8	75-1	+0-7	95-2	72-5	79	0	8-2	13	+0-9	16-79	+7-13	3-63
Amraoti	28-370	—014	N 77° W	7-5	77-0	73-6	85-9	—1-8	74-1	+0-4	93-8	70-3	85	+1	9-8	13	+0-8	9-77	+0-59	2-19
Khandwa	28-533	—012	S 82° W	8-0	79-0	74-1	83-8*	—2-2*	74-4	—1-1	93-0	71-7	79	—1	6-5	9	—1-9	4-68	—4-20	1-43
Hoshangabad	28-550	—013	S 53° W	3-6	77-7	75-5	86-1	—1-5	74-7	—0-7	91-3	72-0	90	+3	8-8	16	+1-1	15-60	—0-05	3-50
Saugor	27-696	—061	N 71° W	6-7	75-7	73-4	84-9	—1-0	73-2	—0-9	92-0	70-2	89	+4	6-8	22	+6-6	20-68	+6-67	3-91
Jubbulpore	28-173	—043	S 74° W	2-6	77-3	74-3	85-1	—1-4	75-0	+0-2	91-8	72-3	87	+1	9-2	18	+0-7	20-53	+2-43	4-40
Seoni	27-524	—027	N 88° W	4-9	76-3	73-0	83-2	—1-1	72-7	+0-2	87-4	70-9	85	—1	8-6	22	+3-9	13-97	—1-69	2-44
Nagpur	28-551	—007	N 75° W	5-9	78-8	73-4	86-6	—1-4	75-6	+0-4	93-2	72-2	77	—6	8-1	18	+1-5	11-84	—2-40	3-14
Pendra	27-488	—026	S 78° W	3-8	77-1	74-5	83-9	—0-6	73-9	+0-8	88-3	71-6	88	+3	5-4	19	+2-3	10-78	—3-13	1-05
Raipur	28-571	—017	S 58° W	4-7	78-2	74-8	86-4	—0-4	75-1	+0-3	93-2	71-1	85	—1	8-6	19	+3-5	20-35	+5-67	3-06
Chanda	28-943	—030	S 62° W	6-1	79-1	75-2	86-6	—2-0	75-4	—0-3	95-5	72-0	83	+4	9-0	21	+4-4	17-35	+0-75	4-53
Jagdalpur	27-776	..	S 84° W	4-7	75-8	73-0	81-3	..	71-9	..	87-0	69-7	87	..	9-0	24	+6-7	19-19	+4-35	2-37
XIII.—Hyderabad.																				
Aurangabad	27-748	—010	S 79° W	10-7	74-1	70-4	83-8	—2-8	70-6	+0-1	96-6	68-6	83	+2	9-5	12	+0-4	5-80	—0-84	1-74
Nizamabad	28-394	?	S 63° W	4-8	77-0	72-6	87-2	—1-3	72-6	—1-2	94-4	69-3	80	+1	8-2	13	—1-3	5-40	—5-18	1-15
Gulbarga	28-171	—007	S 73° W	13-8	75-6	70-8	89-1	—0-1	71-8	0	97-4	67-7	78	—2	8-7	5	—5-4	3-85	—2-07	1-25
Raichur	28-382	+007	S 87° W	10-1	76-5	71-4	89-7	—0-3	72-1	—0-8	97-8	69-0	78	+3	5-2	7	—2-5	3-17	—2-09	1-00
Hyderabad (Deccan)	27-954	+008	W	8-9	75-7	71-5	87-6	+0-1	72-8	—0-5	94-6	69-6	81	+3	8-5	10	—0-3	4-74	—1-62	0-87
Hanamkonda	28-757	+007	N 83° W	5-5	78-7	72-7	87-3	—1-5	75-5	—0-5	94-0	72-0	74	+1	8-4	17	+4-0	9-40	—0-21	2-47
XIV.—Mysore.																				
Chitaldrug	27-356	+008	S 87° W	8-2	71-3	68-6	80-7	—1-3	68-3	—0-2	84-8	66-9	86	+3	9-3	13	+4-1	3-92	+0-58	0-73
Hassan	26-691	+022	S 84° W	9-6	69-6	66-7	76-4	—0-9	65-5	+0-3	82-0	63-8	86	0	8-8	15	+2-1	3-97	—1-82	1-25
Bangalore	26-792	0	S 76° W	10-9	69-6	66-4	81-7	—0-4	65-8	—0-1	88-5	63-1	84	—1	9-4	11	+2-5	2-70	—1-53	0-54
Mysore	27-285	—004	S 70° W	9-0	72-4	67-8	81-2	—1-1	66-9	—0-1	86-2	65-7	79	—3	6-6	5	—2-0	1-45	—1-24	0-30
XV.—Madras.																				
Mangalore	29-734	+005	S 79° W	6-3	78-1	75-7	83-5	—0-2	73-5	0	88-0	69-4	89	+1	8-9	29	+1-5	54-61	+16-30	4-90
Calicut	29-801	+017	N 69° W	2-9	75-1	74-7	79-1	—3-0	73-5	—0-4	83-5	71-7	98	+6	9-0	29	+2-2	57-53	+26-15	10-40
Cochin	29-845	+024	N 47° W	3-8	77-1	74-9	82-1	—1-7	73-4	—0-6	85-6	71-3	90	+2	8-8	26	+1-5	27-93	+4-42	3-90
Trivandrum	29-649	+029	N 54° W	6-1	75-7	74-4	80-1	—1-8	73-5	—1-4	83-6	71-0	93	+6	9-2	16	+2-1	18-81	+11-28	3-10
Pamban	29-722	+002	S 33° W	11-7	82-6	77-7	91-7	+2-2	78-6	—0-7	92-9	77-7	80	+3	4-7	0	—0-6	0	—0-37	0
Madura	29-291	+007	N 58° W	7-8	82-5	73-1	95-5	—1-4	77-8	+1-4	100-3	75-8	63	—1	8-3	0	—2-4	0-04	—1-81	0-04
Pudukkottai	29-437	+010	N 73° W	6-1	83-0	72-3	97-2	+1-4	78-4	+1-4	100-4	74-1	58	—10	5-2	4	—0-7	1-46	—1-57	0-53
Negapatam	29-720	+013	S 84° W	7-0	83-5	73-3	96-4	+0-5	79-2	+0-8	100-8	74-2	60	—6	5-5	2	—1-4	1-50	—0-85	1-17

* Mean of 11 days.

(d) Mean of 30 days.

TABLE B.—JULY 1922—*contd.**Abstract of 8 hrs. observations.*

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
XV.—Madras—contd.																				
Trichinopoly	20.495	+003	S 67° W	10.2	83.9	73.1	97.5	+0.1	78.5	+0.6	101.1	75.1	58	—5	6.7	0	—2.2	0	—1.26	0
Coimbatore	28.427	+007	S 49° W	8.0	76.2	71.6	84.9	+2.8	70.7	+0.1	96.1	69.1	80	—3	3.7	6	+1.4	2.16	+0.64	0.41
Salem	28.843	+011	S 32° W	5.3	76.7	72.5	92.3	—0.8	73.4	+0.2	97.6	71.5	81	+2	7.1	7	—0.4	2.45	—1.36	0.79
Cuddalore	29.688	+001	S 63° W	6.0	82.9	74.7	96.5	+0.7	78.5	+0.5	101.9	74.2	67	—7	7.3	10	+4.5	3.67	+0.56	0.81
Vellore	29.022	+013	N 68° W	6.3	80.9	74.4	94.2	+0.1	77.3	+0.3	99.8	73.5	73	+6	5.8	5	—2.1	6.12	+1.22	1.97
Madras	29.679	—006	S 49° W	5.3	83.6	75.0	96.8	+1.0	79.3	+0.5	104.1	74.4	66	—3	7.3	8	+1.0	3.10	—0.92	0.91
Cuddapah	29.278	—001	N 63° W	..	82.6	74.3	98.3	+2.5	78.4	+0.5	103.2	72.8	67	0	7.4	5	—1.7	2.70	—1.13	1.35
Bellary	28.248	+010	S 80° W	9.2	79.6	71.4	90.8	—0.7	74.8	—0.2	97.1	73.0	66	0	7.6	1	—2.9	0.49	—1.31	0.22
Kurnool	28.769	+003	S 87° W	11.4	78.3	71.5	91.5	—0.3	75.3	+0.5	98.1	71.8	70	—5	8.4	6	—3.7	2.12	—2.36	0.99
Nellore	29.607	—008	N 75° W	3.4	84.5	74.1	96.0	—1.2	80.2	+0.5	103.0	72.9	65	—1	7.6	5	—0.7	2.15	—0.77	0.70
Masulipatam	29.626	—013	N 76° W	5.0	82.0	76.4	93.1	+0.5	77.9	—0.3	100.6	73.7	77	—4	7.7	10	+0.1	6.26	+0.03	3.00
Cocanada	29.580	—018	S 89° W	8.0	81.5	76.3	89.7	—1.4	78.9	0	98.6	73.5	78	—2	7.5	9	—1.4	7.35	+1.28	1.86
Vizagapatam	29.518	—032	W	9.8	83.4	77.9	90.3	+1.4	80.2	+1.7	95.2	75.1	77	—1	8.5	7	—1.5	3.22	—1.18	0.84
Calingapatam	29.513	..	S 74° W	6.6	83.4	78.3	91.6	..	78.9	..	99.1	75.8	79	..	6.2	9	+0.1	1.94	—4.04	0.36
Gopalpur	29.466	—029	S 33° W	6.1	82.8	79.7	87.5	+0.1	79.3	+0.3	90.9	75.6	87	+3	6.6	9	—1.0	7.73	+0.70	3.53
Bay Stations.																				
P. V. Fraser	29.483	..	S 32° W	..	84.0	81.0	..	..	..	..	..	..	87	..	6.9	10?	—0.02	6.96?	—1.51?	2.59
Port Blair	29.670	—023	S 62° W	10.0	80.3	77.3	84.3	—1.1	76.4	—1.1	86.6	73.1	87	0	7.4	23	+3.1	17.07	+1.32	3.30
Table Island	29.556	—081	S 58° W	19.0	80.6	78.6	83.5	—1.7	77.1	+0.1	85.8	73.3	91	+1	7.0	22	+4.0	11.31	—2.57	1.08
Kashmir.																				
Muzaffarabad	27.143	..	S 16° W	2.2	82.0	71.3	99.4	..	76.4	..	107.9	68.8	59	..	2.8	8	—3.7	4.86	—4.15	1.36
Srinagar	24.610	—031	N 23° W	2.2	74.9	66.7	89.9	+4.9	65.3	+1.3	95.5	56.9	65	—19	3.4	2	—3.3	0.40	—2.13	0.23
Gulmarg	21.723	—009	N 20° E	7.9	64.3	58.3	73.0	+4.4	51.5	+1.1	80.8	43.0	72	—7	3.9	8	—1.1	2.91	—1.11	0.75
Dras	20.691	+017	N 78° W	5.4	60.0	56.2	74.7	—4.2	49.4	+1.8	83.7	42.5	82	+20	3.4	0	—1.5	0.12	—0.54	0.07
Ich	19.615	+001	S 11° E	1.3	58.6	48.6	73.9	—3.3	50.5	+0.4	80.9	42.6	52	—3	4.9	1	—0.2	0.16	—0.31	0.11
Skardu	22.641	—019	S	3.7	69.2	56.3	87.1	+1.6	59.4	—1.5	96.5	50.1	46	—4	2.8	1	—0.1	0.23	—0.29	0.15
Gilgit	24.841	—005	S 45° W	0.5	80.8	69.0	95.6	—0.3	69.9	—1.9	103.0	58.2	55	+11	3.0	1	—0.7	0.45	—0.10	0.45
Baluchistan.																				
Fort Sandeman	25.132	..	N 27° E	?	81.1	68.3	101.1	..	75.5	..	107.1	65.6	52	..	1.6	4	0	3.34	+1.28	2.58
Quetta	24.387	—003	S 36° E	2.2	73.7	63.9	97.1	+4.3	66.4	+1.2	102.3	54.7	59	+4	0.9	0	—1.4	0	—0.68	0
Chaman	25.356	—044	S 1° W	6.0	84.9	59.2	102.4	+2.4	77.1	+2.3	107.7	71.4	17	—13	0.5	0	—0.3	0	—0.11	0
Kalat	23.518	..	S 10° W	2.5	69.9	57.2	94.1	+0.9	59.4	?	99.6	48.2	46	+6	0.6	1	—0.5	0.19	—0.50	0.19
Dalbandin	26.743	..	S 67° W	6.1	87.0	65.8	110.2	..	76.2	..	115.4	66.6	30	..	1.5	0	—0.4	0	—0.09	0
Mirjawa . . . . .	..	..	N 49° W	8.8*	85.6	61.8	108.4	..	78.6	..	115.2	72.3	22	..	..	..	..	..	..	..
Pasni	29.469	..	S 81° W	6.9	83.5	79.8	92.0	..	80.7	..	106.5	77.0	85	..	6.5	1	+0.2	0.16	—0.05	0.16
Panjkur	26.412	..	S 66° W	4.9	79.8	71.4	105.1	..	76.4	..	110.9	66.5	66	..	2.6	1	..	0.10	..	0.10
Seistan (c)	27.684	..	N 45° W	14.8	83.6	66.0	103.3	..	86.5	..	106.9	71.0	37	..	0.8	0	..	0	..	0
Hill stations excluding Kashmir and Baluchistan.																				
Parachinar	24.209	—025	Calm	0.7	78.2	64.9	91.1	+4.6	67.3	+1.3	97.4	61.7	50	—7	1.6	6	—0.6	1.77	—1.72	0.89
Cherat	25.463	+010	S 48° E	1.1	78.1	69.2	92.4	+3.5	73.8	+2.8	101.1	63.5	66	—2	1.8	4	—1.2	4.33	+0.48	3.60
Drosh (c)	24.748	..	Calm	2.9	78.7	65.5	97.1	+1.4	74.3	+1.8	107.3	68.2	49	—4	0.4	0	—1.5	0	—0.55	0

(c) Aneroid.

* Mean of 30 days

TABLE B.—JULY 1922—concl'd.

Abstract of 8 hrs. observations.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Hill stations excluding Kashmir and Baluchistan—cont'd.																				
Murree	23.791	—006	S 38° W	3.4	69.1	62.1	78.7	+1.0	65.5	+3.6	86.8	58.4	68	—8	4.5	11	—1.7	7.79	—4.10	1.39
Simla	22.928	—0.3	N 24° W	3.2	62.9	61.1	67.4	—1.7	60.0	—0.1	71.9	55.1	90	+4	8.9	23	+3.7	22.79	+6.40	6.58
Chakrata	23.209	+002	N 82° E	7.2	63.8	62.6	71.4	+1.6	61.1	+0.9	78.3	56.5	94	+5	9.1	17	—3.0	15.03	—4.82	3.38
Mukteswar	22.660	—026	S 13° W	4.7	61.3	60.2	68.2	—2.3	59.3	+1.0	72.6	55.3	94	+3	9.0	17	—0.8	17.72	+5.22	4.85
Darjiling	22.806	—009	Calm	0.6	61.9	61.0	66.9	+0.6	59.1	+1.4	71.7	56.8	95	—1	9.4	25	—0.3	24.14	—0.52	3.22
Kalimpong	25.752	..	S 27° E	5.4	70.1	69.1	75.1	..	67.3	..	80.1	63.0	95	..	9.1	22	..	21.61	..	2.98
Shillong	24.962	+030	S 16° W	1.7	69.2	66.8	75.7	0	65.6	+1.3	79.7	62.7	88	+1	8.3	20	+0.5	11.69	—3.90	2.13
Cherrapunji	25.465	—008	S 5° W	4.2	68.3	66.6	72.8	+0.6	66.6	+1.3	79.5	61.6	92	—4	8.7	26	—1.1	74.79	—26.98	11.18
Maymyo	26.211	—030	S 58° W	1.5	70.3	68.4	76.4	—0.8	67.3	+1.7	81.4	66.0	91	+4	8.8	12	+0.3	5.47	—0.55	1.28
Pachmarhi	26.140	—035	N 82° W	6.6	69.3	68.5	76.9	+0.4	67.0	—0.2	82.0	66.1	90	+6	10.0	27	+5.9	17.79	—6.12	1.95
Mount Abu	25.755	—008	S 54° W	6.9	68.9	67.8	75.5	+0.3	66.9	+1.0	83.0	64.9	94	+1	9.1	18	+0.8	13.19	—8.91	3.73
Mersara	26.103	+010	S 78° W	7.7	64.3	63.4	67.1	—1.9	61.4	—0.8	70.8	50.0	95	—1	10.0	31	+2.0	49.70	+6.91	6.06
Ootacamund	22.941	+016	N 86° W	7.5	55.4	54.2	60.2	—1.4	52.1	—0.1	64.7	48.2	93	+7	9.9	13	—4.2	5.08	—4.58	0.86
Kodaikanal	22.694	—007	S 80° W	11.9	55.8	53.0	63.0	+0.3	52.0	—0.6	67.7	48.4	84	+3	8.5	8	—3.6	2.39	—2.11	0.33
Extra India.																				
Trincomalee	29.673	+019	S 67° W	8.6	79.4	73.6	93.7	+2.9	78.0	+0.5	96.1	76.4	76	—6	7.7	0	—2.3	0	—1.02	0
C Colombo	29.826	+019	S 61° W	3.9	77.6	75.0	84.6	—1.0	76.1	—1.0	86.4	71.4	88	+5	8.6	9	+0.7	5.23	+0.07	2.56
Hambantota	29.737	..	S 77° W	11.5	77.6	74.6	89.3	+1.8	76.6	+1.0	94.1	73.5	86	..	6.1	4	..	1.53	—0.06	0.89
Minicoy	29.854	+031	N 80° W	9.2	..	..	..	..	..	..	..	..	..	..	5.1	12	—2.0	10.16	+1.43	2.98
Amini Divi	29.787	—004	S 88° W	15.9	81.6	77.3	85.6	+0.1	77.4	+0.1	89.0	73.7	81	—2	7.6	16	+0.2	14.37	+2.29	2.26
Gangtok	24.092	—200	N	0.8	65.8	64.9	73.7	—0.9	63.6	+7.6	78.6	61.8	96	+4	9.6	26	—1.8	23.83	—1.73	2.41
Kashgar (c)	25.290	—100	N 63° W	1.5	79.4	70.5	96.4	+4.5	66.5	—1.3	102.8	58.8	68	+19	2.2	0	—0.7	0.06	—0.16	0.04
Meshed	25.768	..	S 45° E	1.7	71.2	62.5	93.3	+2.4	61.0	—2.7	98.9	53.5	61	+15	1.1	0	0	0	—0.06	0
Jask	29.381	—087	N 87° E	9.5	88.9	83.9	97.9	+1.0	87.2	+1.7	106.3	84.3	80	+6	0.9	0	0	0	—0.01	0
Muscat	29.446	—003	S 76° E	5.7	90.4	82.5	96.6	+3.4	87.1	—0.4	106.4	83.3	72	—2	2.1	0	—0.1	0	—0.02	0
Bushire	29.432	—004	N 68° W	7.8	90.4	81.3	94.9	—0.4	86.0	+1.7	100.9	81.8	67	0	0.9	0	0	0	0	0
Isfahan (c)	24.077	—128	S 85° W	1.5	76.6	64.2	98.9	+1.1	69.7	+3.3	102.4	60.2	51	—1	0.8	0	—0.1	0	—0.02	0
Tehran (c)	25.520	—152	S 59° E	3.4	76.4	64.4	94.6	—4.3	..	..	99.1	..	51	+8	2.0	0	—0.5	0	—0.17	0
Baghdad	29.467	+059	N 24° W	..	92.4	70.2	110.7	+1.3	84.9	+5.3	120.9	78.2	29	—10	0.8	0	0	0	0	0
Aden	29.570	+019	S 26° E	6.7	83.5	77.3	92.4	—1.0	81.5	—1.0	95.2	75.1	75	+4	6.8	0	0	0	—0.03	0
Zanzibar	30.034	+048	S 25° W	5.5	74.1	70.5	79.9	—0.7	72.2	—0.5	81.6	68.5	83	—3	6.6	3	—2.1	1.68	—0.77	1.29

(c) Aneroid.

TABLE B.—AUGUST 1922.

Abstract of 8 hrs. observations.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
I.—Burma.																				
Victoria Point	20-653	..	S 82° W.	8.5	78.8	77.4	83.6	..	74.8	..	85.6	71.2	94	..	8.0	23	+1.6	21.66	-4.01	3.40
Mergui	20-712	-0.35	S 29° E	3.6	77.2	75.8	83.7	-0.8	74.1	+1.2	87.2	72.0	94	+1	5.4	22	-3.4	23.96	-5.59	3.26
Tavoy	20-751	-0.42	S 57° W	1.8	76.9	75.7	81.8	-1.0	75.1	+1.1	87.1	72.9	95	+2	9.5	20	+1.5	43.34	-3.75	4.16
Moulmein	20-666	-0.29	S 4° E	3.2	77.2	75.6	82.0	-1.2	74.3	+0.1	87.4	72.0	92	-1	9.9	28	+0.9	43.24	-0.10	5.95
Rangoon	20-701	-0.32	S 14° W	4.4	79.1	77.2	84.6	-0.4	76.4	+0.5	89.1	72.7	91	-2	9.6	25	+1.0	21.58	+1.84	2.47
Bassein	20-684	-0.29	S 48° W	4.0	78.4	76.7	85.2	+0.5	74.9	-1.0	89.7	71.4	92	-2	8.3	25	+0.3	30.84	+8.86	5.30
Diamond Island	20-651	-0.51	S 44° W	9.9	80.8	78.0	84.2	0	76.3	+0.4	86.4	72.0	88	+1	7.3	20	-1.6	17.15	-6.09	2.75
Toungoo	20-530	-0.47	S 59° E	2.9	77.4	75.4	84.6	-2.4	74.5	-0.3	90.8	71.3	91	-1	8.3	25	+0.6	17.60	-1.76	3.82
Kyaukpau	20-624	..	S 58° E	2.1	78.8	77.9	84.5	..	76.2	..	88.6	73.2	96	..	8.2	25	-2.6	43.42	+5.63	7.35
Akyab	20-603	-0.62	S 9° E	3.0	78.7	77.2	81.2	-3.3	76.1	-1.1	87.0	73.5	93	-1	9.0	27	+0.3	64.13	+19.58	7.18
Minbu	20-459	-0.67	S 43° E	2.0	80.2	76.8	90.4	+0.1	76.9	-0.3	97.5	75.5	85	0	5.0	9	-1.3	2.93	-2.10	0.62
Yamethin	20-019	-0.44	..	..	77.7	75.2	87.3	-2.1	74.5	-0.1	91.0	72.0	88	+1	8.5	13	+2.3	6.09	+0.54	1.64
Mandalay	20-393	-0.51	S	6.8	82.4	76.6	93.6	+0.3	78.2	+0.3	99.5	70.7	76	-3	7.5	8	+0.5	3.97	-0.32	0.92
Monywa	20-365	-0.50	S 34° E	3.8	81.7	77.0	93.0	-0.1	79.2	+0.9	97.8	76.5	80	-3	7.6	6	+0.3	4.61	+0.55	3.08
Lashio	26-889	-0.40	S 24° W	1.8	72.2	70.4	81.9	-0.9	70.1	+0.7	87.1	68.0	92	+1	9.5	24	+5.0	17.66	+4.85	2.95
Bhamo	20-249	-0.53	Calm	0.5	77.9	77.1	87.3	-0.7	76.2	+0.9	92.2	74.8	96	+3	9.4	23	+3.7	19.58	+4.09	4.56
Myitkyina	20-128	-0.73	Calm	2.3	77.7	76.3	86.8	-0.5	75.8	+0.1	92.6	73.1	91	+3	9.2	23	+3.3	16.25	+0.23	3.16
II.—Assam.																				
Dibrugarh	20-242	-0.63	S 79° E	0.4	78.3	77.3	86.0	-0.7	75.7	0	91.3	74.1	95	+2	9.2	23	+2.8	20.43	+1.19	3.05
Sibsagar	20-256	-0.74	S 23° E	1.3	79.6	78.4	87.1	-1.7	78.0	+0.3	92.0	76.2	95	+1	9.8	19	+0.6	21.79	+5.29	2.75
Tezpur	20-354	-0.34	N 80° E	0.7	79.7	78.3	88.7	+0.1	77.9	+0.3	95.9	76.2	94	+1	7.9	26	+8.3	10.44	-4.55	1.46
Gauhati	20-397	-0.61	N 45° E	1.3	82.0	79.0	90.2	+0.3	78.6	+0.8	94.8	76.6	87	-1	6.4	15	+1.3	14.30	+4.02	4.50
Lakhari	20-466	-0.47	S 68° E	3.1	80.9	78.5	85.2	-0.9	78.9	+0.4	88.3	77.1	89	-2	6.5	15	+0.5	10.11	-3.33	2.22
Silchar	20-510	-0.55	Calm	1.0	81.0	78.5	89.8	+0.3	76.6	-0.2	97.2	74.8	89	-2	7.5	27	+4.7	21.32	+1.32	2.88
Srimangal	20-537	..	..	..	78.9	77.1	89.8	+0.2	78.2	-2.8	94.7	70.0	91	+6	3.5	21	+0.4	16.90	+3.68	3.21
III.—Bengal.																				
Cox's Bazar	20-571	..	S 20° E	3.8	79.7	77.7	84.6	..	76.0	..	89.3	73.3	91	..	7.3	21	-1.6	29.30	-0.42	4.40
Chittagong	20-511	-0.56	S 41° E	4.2	79.7	77.7	86.1	+0.4	76.4	+0.2	90.2	73.9	91	+3	7.1	23	+6.7	22.14	+3.24	2.22
Noakhali	20-547	-0.49	S 27° E	5.5	80.2	78.2	85.7	+0.2	77.6	+0.5	88.3	75.2	91	+1	6.8	25	-0.7	19.41	-7.17	2.60
Barisal	20-552	-0.48	S 22° E	3.5	81.1	79.1	86.5	-0.4	78.3	+0.1	90.4	75.6	91	+2	6.2	17	-3.2	13.80	+0.30	2.90
Narayanganj	20-555	-0.44	S 27° E	1.9	81.1	78.3	87.1	-0.6	77.9	-1.1	89.9	75.2	88	-2	9.2	16	-1.5	15.19	+2.68	3.88
Mymensingh	20-513	-0.56	S 62° E	1.5	81.2	77.8	88.1	+1.0	78.9	+0.7	91.0	77.1	85	-5	8.9	15	-4.4	12.54	-8.02	2.05
Bogra	20-499	-0.44	S 56° E	0.5	82.2	80.3	88.5	0	79.3	+0.8	91.2	77.4	91	+3	6.6	15	-1.8	12.11	-0.75	2.02
Dinajpur	20-425	-0.61	S 61° E	2.7	81.7	79.0	88.3	-0.6	79.3	+0.8	91.8	76.8	88	-2	6.7	19	+3.3	21.42	+8.47	4.65
Jaipalguri	20-300	-0.44	84° E	1.0	80.9	79.6	88.9	+0.5	77.5	+0.4	93.9	74.3	91	-1	5.8	19	-0.8	25.04	-0.08	3.92
Saugor Island	20-529	-0.40	S 15° W	9.0	82.4	79.0	86.2	-1.3	79.2	-0.7	89.2	75.5	85	-4	8.4	13	-3.3	19.14	+5.10	5.87
Midnapore	20-387	-0.46	S 27° E	2.0	82.3	78.8	88.8	-0.8	79.2	+0.9	92.8	75.7	85	-2	9.2	12	-4.5	13.40	+1.35	6.83
Calcutta	20-517	-0.50	S 1° W	3.6	81.6	79.4	88.1	+0.5	78.7	+0.3	92.0	75.9	90	+1	8.7	20	+1.8	18.11	+6.02	7.60
Jessore	20-584	-0.37	S 35° E	2.9	81.1	78.3	87.0	-1.6	78.5	-0.2	90.9	74.3	88	-2	6.3	20	+3.1	22.97	+12.08	7.17
Khulna	20-541	..	S 4° W	1.8	81.4	78.5	87.9	..	77.9	..	91.3	74.4	88	..	8.2	20	..	15.24	..	2.59
Satkhira	20-548	..	S 13° E	0.3	82.3	79.7	86.9	..	?	..	91.1	..	89	..	4.5	19	..	15.06	..	3.50

(a) Mean of 25 days.

(d) Mean of 22 days.

TABLE B.—AUGUST 1922—contd.

Abstract of 8 hrs. observations.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
III.—Bengal—contd.																				
Burdwan	29.427	—065	N 70° E	1.2	81.6	79.2	88.1	—1.3	78.8	—0.3	92.6	76.0	89	+1	9.4	15	—0.6	16.22	+5.15	2.80
Asansol	29.111	..	..	..	81.6	79.1	88.0	..	74.6	..	92.3	70.9	89	..	9.3	18	..	19.04	..	4.97
Berhampore	29.483	—044	S 40° E	2.7	82.5	79.5	88.5	—0.2	79.7	+1.0	91.6	77.0	87	—4	9.7	20	+3.6	7.90	—3.66	2.87
IV.—Bihar and Orissa.																				
Balasore	29.486	—046	S 45° W	2.5	81.5	79.0	88.2	—0.1	78.3	0	93.5	73.2	89	+2	7.7	16	+1.7	15.81	+4.56	2.85
Hukitala (False Point)	29.531	—031	S 46° W	7.0	..	..	..	..	..	..	..	..	..	..	5.8	18	+3.0	13.10	+0.44	1.78
Cuttack	29.491	—016	S 06° W	1.6	81.6	77.6	90.0	+0.7	75.3	—3.0	95.4	73.7	83	0	5.2	12	—3.9	7.50	—6.15	3.10
Puri	29.553	—020	S 61° W	7.1	82.8	79.5	87.6	—0.2	80.1	+0.7	92.1	76.8	86	0	6.0	15	+2.0	12.10	—0.15	2.47
Angul	29.097	—045	N 63° W	5.3	80.7	76.8	87.5	+0.4	77.5	+0.7	92.8	75.4	83	—3	8.2	11	—3.2	4.96	—5.38	0.96
Sambalpur	29.067	—040	S 41° W	3.7	78.8	76.7	86.3	—0.8	76.9	—0.3	91.8	73.9	90	+5	5.5	13	—6.0	12.37	—0.43	3.07
Chaibasa	28.789	—046	S 63° W	1.8	79.6	76.9	88.1	—0.6	77.2	+0.6	93.0	73.9	87	+1	8.0	17	+0.5	15.92	+4.40	2.51
Ranchi	27.438	—027	N 81° W	3.3	75.5	73.2	82.4	—1.1	72.9	0	85.6	70.8	89	0	8.2	20	+1.3	13.08	+1.10	2.75
Purulia	28.733	—026	S 13° E	1.7	80.3	76.7	88.7	—0.4	77.2	+0.7	93.5	74.5	85	—5	8.3	15	—1.9	16.56	+5.11	3.24
Daltonganj	28.816	—019	S 24° W	3.1	79.1	76.2	87.8	—1.6	74.0	—3.0	91.8	71.8	87	+1	7.0	15	—1.2	13.28	+0.09	2.10
Purnea	29.413	—065	S 80° E	2.8	81.7	79.5	88.4	—0.6	78.4	—0.1	93.0	75.8	91	0	6.5	19	+2.8	10.67	—3.26	3.30
Monghyr	29.371	..	S 63° E	4.4	81.5	78.8	88.0	..	78.4	..	92.2	75.0	89	..	7.2	24	+8.0	22.12	+7.1	5.23
Darbhanga	29.377	—044	E	1.7	82.0	79.1	87.7	—1.0	79.0	—0.3	92.4	75.0	87	—2	8.9	14	—0.5	13.79	—0.6	2.67
Pusa	29.341	..	S 75° E	2.0	82.1	80.2	88.4	..	78.5	..	92.2	75.7	91	..	9.0	16	+0.3	12.76	—8.51	1.93
Patna	29.344	—038	S 23° E	3.7	81.8	79.5	86.5	—2.7	79.1	—0.4	91.5	75.8	90	+3	9.7	20	+6.2	15.96	+2.39	3.18
Buxar	29.280	—046	S 27° W	3.0	80.7	78.6	87.2	—1.7	78.1	0	91.3	75.6	91	+3	8.6	13	—1.1	6.53	—5.55	1.24
Gaya	29.166	—025	S 45° W	2.5	81.0	78.1	87.8	—2.4	78.1	0	93.2	74.2	87	+1	8.4	21	+6.0	13.87	+0.64	3.17
Naya Dumka	29.031	—062	S 43° E	2.3	81.7	78.5	87.4	—1.0	77.7	+0.3	90.7	74.5	87	—1	8.1	19	+1.3	13.32	+0.34	1.60
V.—United Provinces of Agra and Oudh.																				
Gorakhpur	29.289	—023	S 80° E	1.2	80.5	78.5	86.7	—2.9	77.9	—0.7	92.1	75.5	91	+3	5.3	23	+7.8	10.75	+5.25	2.45
Benares	29.257	—038	S 30° W	2.6	81.9	78.7	88.5	—1.1	78.1	—0.5	93.6	75.6	86	—1	9.3	15	+0.3	9.32	—2.19	2.00
Allahabad	29.234	—016	S 84° W	4.2	80.8	77.9	88.2	—1.7	78.0	—0.6	93.1	74.0	87	+1	9.5	14	+0.1	15.34	+3.64	4.92
Cawnpore	29.115	—026	S 64° W	2.0	80.4	77.3	87.2	—2.2	77.9	—0.7	91.6	75.5	87	—4	7.5	18	+5.1	22.35	+10.55	5.46
Lucknow	29.154	—036	S	1.0	80.4	77.8	88.4	—2.0	77.7	—0.8	93.7	75.0	88	+1	9.1	19	+5.9	31.48	+20.20	4.65
Banraich	29.122	—035	E	1.0	80.7	78.1	87.0	—3.1	77.7	—0.6	93.0	74.1	89	+2	6.6	20	+6.4	15.81	+1.66	2.13
Jhansi	28.730	—026	S 51° W	4.0	79.2	75.1	87.6	—1.4	76.4	—1.0	95.6	74.3	82	—1	6.9	12	—1.4	10.31	—0.59	2.41
Agra	28.970	—035	S 32° W	2.0	82.0	77.9	89.0	—2.4	78.4	—0.8	95.3	75.6	82	+1	8.6	13	+3.2	9.19	+1.35	2.80
Mainpuri	29.013	—026	N 74° W	0.7	80.5	78.8	86.9	—4.4	77.8	—0.8	92.8	75.1	92	+8	9.3	14	+3.3	10.26	+1.26	1.60
Bareilly	28.940	—054	S 52° E	2.4	79.6	78.1	84.6	—5.3	77.2	—0.8	90.2	72.7	93	+5	9.2	20	+7.5	21.54	+8.65	5.02
Rooskee	28.619	—051	S 56° E	1.3	80.0	77.3	88.3	—1.7	77.2	+0.2	93.3	74.1	88	+3	7.9	10	—1.9	13.27	+1.18	4.49
VI.—Punjab.																				
Delhi	28.814	—027	N 78° W	3.2	81.9	76.3	91.2	—0.6	76.6	—3.0	99.6	73.4	77	—2	6.7	8	—1.1	7.43	+0.07	4.64
Hissar	28.779	—039	S 62° W	6.1	84.6	75.8	97.6	—0.5	80.0	—0.5	105.0	75.2	66	—5	3.4	4	—1.2	2.06	—0.43	1.33
Patiala	28.677	—061	S 2° E	..	82.4	78.4	93.8	+1.8	79.3	+0.8	100.4	75.5	80	—3	5.5	7	—1.5	5.40	—1.38	2.22
Ambala	28.598	—064	S 54° E	2.7	82.7	77.6	94.0	+2.0	78.8	+1.1	100.7	75.0	79	—8	5.5	8	—1.0	2.14	—5.63	0.70
Ludhiana	28.672	—068	S 36° W	2.1	83.1	76.7	96.8	+2.5	80.3	+1.2	102.1	74.4	74	—6	3.4	5	—2.8	6.30	—0.74	2.81

(d) = Mean of 30 days.

(a) = Mean of 27 days.

TABLE B.—AUGUST 1922—contd.

Abstract of 8 hrs. observations.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
VI.—Punjab—contd.																				
Lahore	28-766	—068	S 61° W	1-7	87-0	77-8	99-0	+1-2	82-3	+3-4	105-0	73-9	66	—9	2-3	3	—2-6	2-06	—3-16	0-83
Sialkot	28-639	—080	S 57° E	1-6	84-7	80-0	94-4	0	80-0	+1-7	106-7	70-5	81	+2	4-1	4	—5-0	3-96	—4-83	1-53
Rawalpindi	27-837	—067	S 41° E	1-5	84-4	76-9	96-5	+2-8	78-7	+3-3	104-3	69-1	72	—6	0-5	7	—2-0	5-56	—3-08	1-90
Khushab	28-863	—059	S 70° E	4-0	87-4	80-9	101-0	+0-3	81-6	+0-2	107-0	72-0	76	+7	2-0	6	+2-8	4-46	+1-53	1-66
Lyallpur	28-850	..	S 25° W	3-2	86-4	76-6	101-3	..	82-1	..	105-8	72-1	62	..	2-2	1	—2-1	0-40	—2-39	0-40
Montgomery	28-909	—059	S 9° W	4-5	86-2	76-3	100-7	—1-1	82-1	0	105-0	72-4	62	0	1-9	1	—2-7	0-65	—2-48	0-65
Multan	29-024	—061	S 45° W	3-2	86-7	78-2	101-0	—0-2	83-7	+1-1	105-6	80-5	68	0	1-7	1	—1-3	0-24	—1-55	0-24
VII.—North-West Frontier Province.																				
Peshawar	28-361	—086	N 9° W	1-0	85-3	78-0	102-1	+2-9	80-0	+2-0	108-4	70-9	72	+2	1-6	2	—0-3	2-94	+1-01	2-09
Dera Ismail Khan	28-893	—049	S 23° W	2-0	86-7	78-5	101-5	+10-6	82-7	+1-5	106-0	74-1	68	—7	0-8	4	+1-8	1-56	—0-38	0-50
VIII.—Sind.																				
Jacobabad	29-278	—041	S 39° E	3-3	87-0	78-3	100-1	—4-5	81-8	—0-1	105-5	78-9	66	—6	0-9	0	—1-5	0	—0-92	0
Hyderabad	29-381	—057	S 38° W	11-3	83-0	75-1	96-7	+0-8	79-5	+0-5	102-0	76-5	68	—2	2-5	2	—0-2	2-05	+0-04	1-75
Karachi	29-532	—039	S 80° W	12-4	80-1	76-9	85-0	—0-5	77-8	+0-1	88-1	73-8	86	+1	8-5	1	—0-7	1-41	—0-03	1-35
IX.—Rajputana.																				
Bikaner	28-747	—031	S 53° W	7-5	83-5	74-8	98-3	+0-8	79-9	—1-1	103-0	76-9	65	—4	2-7	1	—3-6	0-39	—2-87	0-39
Jodhpur	28-783	—022	S 44° W	4-8	80-0	73-3	91-8	—1-5	77-0	—1-0	97-6	74-6	71	—5	7-2	2	—3-2	0-72	—3-36	0-50
Jaipur	28-150	—021	S 72° W	4-3	79-5	73-6	90-3	—1-1	74-9	—1-5	98-0	72-2	75	—4	7-8	8	—2-1	4-97	—2-81	1-90
Ajmer	27-958	—043	S 64° W	4-5	76-3	71-3	86-6	—1-4	75-4	—0-5	93-2	73-4	78	—5	3-9	5	—3-4	1-94	—4-74	6-70
Kotah	28-715	—029	S 69° W	1-7	80-8	74-5	88-6	—1-9	77-0	—1-9	97-6	73-6	74	0	5-3	8	—1-5	7-88	—0-10	1-92
X.—Bombay.																				
Deesa	29-142	—016	S 48° W	9-2	79-1	74-9	89-3	+0-2	75-5	—0-3	102-0	73-8	82	—2	9-0	4	—4-9	10-98	+3-37	10-26
Bhuj	29-248	—033	S 74° W	10-4	80-8	77-3	88-0	—0-6	75-5	—0-8	92-0	73-1	85	+2	8-4	2	—1-8	0-78	—2-11	0-50
Jamnagar . . . . .	..	..	S 46° W	13-0	81-3	76-6	88-9	+0-8	76-3	—0-4	91-9	73-2	80	—1	5-6	3	—3-1	0-77	—4-46	0-40
Dwarka	29-580	—029	S 59° W	13-2	79-9	75-8	85-1	+0-6	79-0	+0-9	88-3	77-1	82	—4	9-8	0	—4-4	0-28	—2-59	0-06
Rajkot	29-182	—038	S 38° W	12-3	76-3	74-8	87-8	—1-0	74-4	—0-1	96-5	71-7	84	0	8-5	7	—0-5	2-54	—3-05	0-55
Veraval	29-641	—019	S 65° W	14-5	78-5	75-7	80-6	—1-8	77-6	—0-2	82-3	75-1	87	—2	9-7	4	—1-9	1-00	—2-74	0-18
Bhavnagar Para	29-597	—016	S 48° W	3-0	79-6	75-0	88-4	—3-1	75-5	—1-3	93-2	72-6	80	0	8-6	7	—1-0	2-74	—3-23	1-31
Surat	29-631	—018	S 51° W	5-4	79-5	75-6	84-7	—2-0	76-4	—0-3	87-2	74-2	83	—2	9-6	13	+0-6	2-77	—4-58	0-40
Ahmadabad	29-478	—008	S 65° W	4-1	79-0	75-5	93-9*	+3-6*	75-7	—1-4	100-4	73-3	85	+2	8-0	8	—2-3	4-65	—3-40	1-30
Bombay	29-677	—018	S 80° W	9-3	79-0	75-7	83-6	—0-6	77-0	—0-1	85-2	75-2	85	—2	9-1	17	—2-1	5-08	—8-03	1-61
Ratnagiri	29-540	—015	S 76° W	7-9	78-4	75-2	82-5	—1-2	75-2	—0-2	84-3	72-9	85	—3	8-8	22	—1-7	9-34	—10-23	1-19
Marmagao	29-707	—012	N 46° W	7-5	78-1	76-1	82-1	—1-3	75-3	—0-5	84-9	73-1	91	0	8-1	24	+1-8	10-53	—5-05	1-47
Karwar	29-733	—020	S 37° W	2-5	78-2	75-4	82-7	+0-3	75-4	+0-7	85-1	73-6	87	0	6-5	27	+3-2	12-40	—9-25	1-27
Malegaon	28-227	—024	S 47° W	8-7	78-2	71-0	88-5	+1-6	72-5	+0-3	94-6	69-5	69	—8	8-2	0	—5-9	0-16	—3-18	0-05
Ahmadnagar	27-553	—025	N 77° W	7-7	74-8	69-3	85-6	+0-8	69-2	+0-2	90-9	66-0	75	—5	7-1	1	—4-8	0-23	—2-41	0-15
Treana	27-867	—015	S 49° W	6-9	72-9	69-6	80-8	—0-9	68-8	—0-8	85-8	65-9	84	—0	7-9	6	—2-9	1-95	—1-83	0-51
*Sholapur	28-116	—019	N 86° W	10-4	76-7	70-3	90-7	+1-9	71-9	+1-1	96-5	69-0	72	—4	2-7	1	—6-9	0-38	—4-73	0-30
Bijapur	27-781	—013	N 87° W	9-6	74-2	69-5	86-6	+0-1	70-0	+0-2	90-1	68-3	78	—3	7-0	1	—3-7	0-30	—2-21	0-27
Bolgaum	27-217	—012	S 74° W	5-8	69-3	68-0	75-2	—1-1	66-8	+0-5	78-9	65-4	93	+1	9-9	17	—0-2	6-80	—3-04	1-83

*—Mean of 11 days.

TABLE B.—AUGUST 1922—contd.

Abstract of 8 hrs. observations.

STATION	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
XI.—Central India.																				
Neemuch	27.977	—0.39	W	8.1	76.2	72.1	83.4	—1.5	72.5	—0.1	95.7	70.2	82	—4	8.3	5	—4.7	3.64	—5.03	1.03
Indore	27.812	—0.23	S 80° W	2.2	74.0	70.7	83.5	+0.9	71.0	+0.4	87.6	68.7	85	—4	9.7	6	—4.6	2.10	—5.53	0.80
Nowgong	28.796	—0.23	S 86° W	2.5	78.5	75.5	85.8	—2.1	76.1	—0.9	90.5	73.4	87	0	7.7	13	—0.4	11.46	—1.63	4.17
Sutna	28.504	—0.19	S 45° W	1.2	77.3	74.6	83.2	—2.8	75.6	—0.6	88.8	73.8	89	+2	8.3	17	+2.7	16.20	+3.82	3.15
XII.—Central Provinces.																				
Buldana . . . . .	..	..	S 84° W	5.0	73.3	69.5	81.7	—0.2	69.6	+0.1	85.4	66.5	82	..	7.6	10	—2.0	3.81	—3.22	0.74
Akola	28.724	—0.12	N 86° W	5.7	77.8	72.6	88.3	+1.2	73.8	+0.4	94.2	70.5	77	—5	7.6	3	—6.8	1.06	—5.69	0.39
Anraoti	28.424	—0.13	N 63° W	6.2	76.7	72.3	86.6	+0.4	73.1	+0.4	93.6	70.6	80	—7	8.7	6	—4.2	2.09	—4.76	0.50
Khandwa	28.592	—0.13	W	7.0	77.7	72.6	87.6	+1.0	72.9	—1.3	92.4	69.6	78	—6	5.8	4	—6.2	1.00	—5.50	0.24
Hoshangabad	28.612	—0.11	S 63° W	3.1	76.5	73.9	85.0	—0.1	73.1	—0.9	89.7	70.0	83	—2	8.0	8	—7.3	5.60	—8.79	1.23
Saugor	27.750	—0.52	N 77° W	6.1	74.3	71.8	82.9	—0.7	71.7	—1.2	91.4	70.0	88	0	7.1	13	—2.1	8.81	—4.32	2.13
Jubbulpore	28.237	—0.31	S 73° W	2.4	76.3	73.2	83.0	—1.7	73.9	0	89.3	71.8	86	—3	8.9	13	—4.4	15.56	—0.79	3.50
Seoni	27.584	—0.15	N 74° W	3.9	75.3	71.0	82.4	—0.7	71.2	—0.5	88.4	68.1	81	—7	7.9	12	—4.6	11.51	—1.49	2.25
Nagpur	28.605	—0.04	N 75° W	4.4	78.5	72.2	87.3	+0.4	74.4	—0.2	94.4	70.8	73	—12	7.0	8	—5.6	4.99	—6.92	1.77
Pendra	27.548*	—0.16	N 69° W	3.4	77.2	73.1	83.3	0	72.9	+0.3	89.3	68.0	82	—5	4.4	13	—4.5	9.23	—3.36	1.74
Raipur	28.629	—0.03	S 50° W	3.6	78.2	74.1	85.8	0	74.7	0	90.7	71.1	82	—7	7.4	13	—2.6	11.54	—2.20	2.87
Chanda	28.938	—0.22	S 73° W	5.3	79.7	74.8	87.6	+0.1	75.4	+0.3	93.3	72.2	79	—3	7.9	11	—4.2	9.10	—4.25	2.47
Jagdalpur	27.822	..	N 85° W	3.8	76.7	73.2	84.3	..	72.0	..	93.0	69.9	86	..	8.1	16	—3.3	10.25	—4.37	2.89
XIII.—Hyderabad.																				
Aurangabad	27.788	—0.24	S 89° W	10.8	73.4	69.1	85.4	+0.4	69.3	0	90.2	66.3	80	—3	9.7	3	—6.1	1.02	—3.84	0.27
Nizamabad	28.431	?	S 71° W	3.3	78.5	72.6	89.8	+3.7	73.0	+0.2	95.9	70.0	75	—7	6.7	8	—6.2	5.18	—5.43	2.10
Gulbarga	28.204	—0.16	S 84° W	8.9	75.6	70.0	91.1	+2.9	71.6	+0.2	95.9	68.8	75	—6	7.1	3	—5.9	0.85	—5.25	0.35
Raichar	28.413	+0.01	N 76° W	10.1	77.4	71.2	91.4	+2.4	73.9	+1.4	96.0	71.7	73	—3	5.0	3	—6.0	1.40	—4.22	0.71
Hyderabad (Deccan)	27.987	+0.02	N 87° W	7.1	76.2	71.3	89.2	+3.7	72.8	+0.4	94.7	71.2	78	—3	6.8	9	—1.9	4.44	—2.30	1.03
Hanamkonda	28.792	—0.03	N 66° W	3.9	80.8	73.1	90.3	+2.6	76.2	+1.1	95.4	72.9	68	—7	7.0	8	—2.8	8.43	+1.39	3.14
XIV.—Mysore.																				
Chitaldrug	27.374	—0.07	S 80° W	7.1	71.5	68.1	82.7	+0.6	68.2	0	86.2	66.9	83	0	8.4	5	—2.1	1.93	—1.16	0.60
Hassan	26.696	—0.03	S 89° W	8.0	69.7	66.5	78.0	—0.5	65.1	+0.4	81.0	63.6	84	—1	8.5	9	+0.3	3.20	—0.60	0.43
Bangalore	26.804	—0.15	S 80° W	8.5	69.4	66.5	82.5	+0.6	65.6	—0.2	85.3	63.6	87	+2	9.5	11	+1.6	2.94	—2.25	0.61
Mysore	27.291	—0.22	S 66° W	7.2	72.3	67.7	83.0	—0.3	66.6	0	87.3	65.2	78	—4	5.9	6	—0.5	2.55	—0.74	0.75
XV.—Madras.																				
Mangalore	29.745	—0.15	N 59° W	4.8	77.8	75.4	83.8	+0.4	74.1	+0.4	87.1	71.5	89	0	7.4	25	+0.3	21.73	—1.25	3.81
Calicut	29.795	—0.10	N 13° W	1.7	75.8	75.1	81.4	—1.3	74.1	—0.2	85.8	71.9	97	+6	8.4	20	+1.5	9.60	—6.35	1.21
Cochin	29.837	0	N 43° W	4.0	77.7	74.9	82.9	—1.2	73.9	—0.5	83.6	71.4	87	+1	7.3	23	+5.0	12.24	+0.41	2.13
Trivandrum	29.637	+0.04	W	6.7	76.1	74.0	82.6	+0.4	74.0	—1.0	85.1	71.9	90	+5	8.6	7	—2.2	1.36	—2.72	0.19
Pamban	29.713	—0.27	S 13° W	4.5	82.7	77.3	90.9	+1.6	78.2	—0.2	92.3	77.5	77	0	4.4	0	—1.1	0	—0.75	0
Madura	29.292	—0.16	N 56° W	4.3	81.7	73.2	97.3	+1.0	77.5	+1.7	101.1	72.9	65	—2	7.9	5	—0.9	3.40	—0.78	1.72
Pudukkottai	29.426	—0.26	N 52° W	5.5	82.5	72.1	97.6	+3.0	75.2	—0.4	102.1	71.1	59	—12	1.5	8	+0.2	3.91	—1.68	0.83
Negapatam	29.723	—0.10	S 89° W	5.2	81.6	74.4	94.3	+0.4	77.8	0	97.6	69.3	70	—1	5.9	7	+1.6	4.38	+0.76	1.02
Trichmopoly	29.498	—0.19	S 71° W	7.5	83.2	74.0	97.7	+1.2	77.6	+0.8	101.1	74.4	63	—5	5.2	3	—2.1	3.84	—0.04	2.60

* Mean of 30 days.

TABLE B.—AUGUST 1922—*contd.**Abstract of 8 hrs. observations.*

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
XV.—Madras—<i>contd.</i>																				
Coimbatore	28.427	—018	S 38° W	6.0	77.2 (f)	71.7 (f)	88.0 (f)	—0.2 (f)	70.9 (f)	+0.1 (f)	90.9	68.3	76 (f)	—8	4.2	2	—0.8	0.62	—0.48	0.31
Salem	28.849	—010	S 44° W	4.0	76.3	72.8	91.8	—0.3	75.1	+0.3	99.4	71.2	84	—6	6.4	12	+1.3	8.81	+1.99	1.69
Cuddalore	29.696	—018	S 64° W	5.6	81.9	75.1	95.5	+1.7	77.8	+1.1	100.4	74.0	72	—6	7.8	7	—0.9	3.59	—1.54	1.00
Vellore	29.035	—007	N 62° W	5.3	81.0	74.9	95.0	+2.1	77.1	+0.8	98.8	73.5	75	+4	5.1	9	+1.4	6.64	+0.24	2.13
Madras	29.687	—030	S 55° W	4.8	83.1	75.9	96.5	+2.7	78.0	+0.5	103.5	73.1	71	—5	6.7	14	+6.0	4.04	—0.75	0.87
Cuddapah	29.303	—014	N 68° W	..	82.0	74.2	96.5	+2.2	77.7	+0.9	102.5	73.7	69	—2	7.5	9	+0.8	5.23	—0.58	1.86
Bellary	28.272	—004	N 83° W	8.6	79.3	71.0	91.8	+1.0	74.0	+0.2	95.7	71.5	66	—2	6.7	4	—0.2	0.70	—1.63	0.21
Kurnool	28.796	—009	N 87° W	9.1	77.7	71.5	91.2	+1.1	74.3	+0.4	96.5	69.6	73	—4	7.0	9	—0.5	2.35	—2.97	0.36
Nellore	29.625	—024	N 70° W	3.9	83.9	74.3	95.6	—0.1	79.1	+0.3	101.6	73.8	63	—7	7.1	9	+3.3	3.61	+0.19	0.90
Masulipatam . . .	29.645	—031	N 67° W	3.9	83.5	77.2	94.7	+3.5	79.0	+1.3	99.6	73.5	75	—8	7.3	7	—3.7	4.35	—2.56	2.10
Cocanada	29.610	—026	S 84° W	6.3	82.8	77.4	92.7	+3.2	79.7	+1.3	96.6	76.1	78	—5	7.4	5	—4.6	1.96	—3.47	0.77
Vizagapatam . . .	29.562	—030	N 94° W	6.3	84.5	79.4	92.2	+3.5	80.5	+2.5	98.6	76.2	79	0	8.3	5	—3.4	6.55	+0.96	4.19
Calingapatam . . .	29.567	..	S 70° W	4.0	82.6	78.7	91.5	..	78.1	..	96.7	72.8	84	..	6.1	11	+0.7	5.13	—4.64	0.84
Gopalpur	29.520	—021	S 75° W	5.5	83.3	80.0	89.1	+1.8	78.9	+0.2	92.9	75.1	86	+1	6.2	7	—4.3	9.64	+1.78	6.48
Bay Stations.																				
P. V. Fraser	29.536	..	S 51° W	..	83.4	80.6	..	..	..	..	..	..	88	..	7.0	9	—0.9	6.02	—0.91	2.00
Port Blair	29.676	—042	S 65° W	10.8	80.2	76.9	84.3	—0.9	76.6	—0.6	86.2	73.5	86	—2	7.5	16	—3.0	12.10	—2.40	2.85
Table Island	29.574	—093	S 6° W	19.3	80.2	77.9	83.7	—0.7	76.3	—0.9	85.0	70.0	81	—8	5.5	19	+2.4	10.73	—1.24	2.64
Kashmir.																				
Muzaffarabad . . .	27.150	..	S 77° W	1.5	78.8	73.6	94.0	..	74.8	..	100.1	67.6	78	..	5.2	11	—2.8	7.07	—3.96	1.39
Srinagar	24.608	—069	N 18° E	2.0	75.3	67.4	89.4	+4.7	65.2	+1.3	96.1	55.8	66	—19	2.1	3	—2.0	0.77	—1.46	0.29
Gulmarg	21.735	—028	N 30° E	3.3	64.9	59.3	72.0	+3.7	51.2	+0.3	80.0	42.5	74	—5	3.6	9	—0.5	2.02	—2.80	0.32
Dras	20.678	—017	S 75° W	6.1	61.6	53.1	77.1	—2.6	51.2	+2.8	84.9	42.2	60	—2	1.7	0	—1.2	0.15	—0.29	0.09
Leh	19.605	—030	S 24° W	1.0	58.0	49.4	76.0	—0.9	50.5	+0.8	80.7	44.0	58	—1	3.6	0	—1.7	0.21	—0.29	0.08
Skardu	22.627	—045	S 23° W	4.0	68.3	57.1	87.5	+0.4	59.9	—1.2	99.8	48.7	53	—1	2.8	1	—0.2	0.20	—0.19	0.11
Gilgit	24.838	—034	Calm	0.4	79.9	69.6	96.3	+1.1	70.2	—1.5	104.2	61.0	60	+13	1.7	0	—1.8	0.22	—0.26	0.09
Baluchistan.																				
Fort Sandeman . . .	25.149	..	N 45° E	(q) 1.4	78.6	67.9	100.9	..	74.6	..	105.6	69.0	53	..	1.5	2	—1.2	0.42	—1.06	0.19
Quetta	24.416	—028	Calm	2.0	67.9	58.0	93.8	+2.6	60.1	—1.3	96.5	56.1	56	0	9.7	0	—0.7	0	—0.41	0
Chaman	25.409	—046	S 7° E	6.1	78.3	57.2	97.0	—0.7	72.1	+0.7	161.3	65.2	24	—7	1.0	0	0	0	—0.02	0
Kalat	23.541	..	S 13° W	3.3	62.2	51.2	90.5	—0.8	54.2	..	93.3	51.0	48	+7	0.3	0	—0.5	0	—0.18	0
Dalbandin	26.801	..	S 68° W	5.9	79.7	60.3	105.2	..	69.7	..	109.0	64.9	28	..	1.3	0	—0.2	0	—0.03	0
Mirjawa . . . . .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0
Pasni	29.530	..	S 88° W	8.0	78.8	75.1	87.5	..	76.0	..	89.3	71.3	84	..	8.2	0	—0.2	0	—0.08	0
Panjgur	26.453	..	N 67° W	2.4	76.2	67.8	101.1	..	72.9	..	104.7	63.9	65	..	1.8	0	..	0	..	..
Seistan	27.759	..	N 45° W	15.6	79.2	66.3	98.7	..	76.1	..	103.7	67.3	48	..	0.1	0	..	0	..	0
Hill stations, excluding Kashmir and Baluchistan.																				
Parachinar	24.218	—064	Calm	0.5	75.6	65.8	87.5	+1.9	65.6	+0.8	92.8	61.1	60	—1	1.0	3	—4.1	1.98	—1.49	0.84
Cherat	25.468	—080	S 54° E	1.0	75.1	68.6	88.2	+1.6	71.5	+1.6	94.7	62.2	73	—3	2.0	5	—0.6	2.58	—1.44	1.00
Drosh (c)	24.729	..	S 45° W	4.1	79.8	68.9	96.7	+1.4	76.4	+4.5	101.1	69.4	57	—1	0.5	1	—1.3	0.16	—0.56	0.10

) Aneroid.

(d)=Mean of 30 days.

(f) Mean of 28 days.

(q)=Mean of 17 days.

TABLE B.—AUGUST 1922—concl'd.

Abstract of 8 hrs. observations.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Highest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Hill stations, excluding Kashmir and Baluchistan—concl'd.																				
Murree	23-792	—046	N 89° W	2.6	66.0	62.2	76.7	+2.8	64.0	+3.4	81.8	56.9	77	—0	5.0	9	—5.3	4.89	—9.22	1.49
Simla	22-938	—033	N 13° W	3.5	61.3	60.3	64.6	—2.1	58.8	—0.4	68.5	56.2	94	+3	8.6	24	+4.3	26.31	+8.19	3.83
Chakrata	23-211	—033	S 77° W	7.1	63.0	62.5	68.4	—0.1	60.5	+0.9	73.6	58.6	97	+4	9.1	25	+4.8	14.89	—4.49	3.04
Mukteswar	22-661	—059	S 53° W	5.6	60.3	59.6	64.7	—4.1	58.5	+0.8	69.0	57.3	97	+3	9.4	27	+0.4	20.44	+7.66	1.87
Darjiling	22-802	—051	N 45° W	0.2	61.3	60.5	66.6	+0.7	58.8	+1.4	70.4	57.4	96	0	9.7	26	+1.6	27.47	—0.24	4.59
Kallimpong	25-756	..	..	4.9	70.2	69.3	75.5	..	67.4	..	79.6	66.0	96	..	9.1	20	..	17.99	..	2.66
Shillong	24-967	—020	S 23° E	1.2	68.3	65.8	74.7	—0.3	64.8	+1.3	78.7	61.7	88	+1	8.2	21	+2.0	13.55	—1.11	1.77
Cherrapunji	25-471	—060	S 10° E	2.9	67.6	66.5	71.8	—0.2	66.0	+1.0	77.9	64.6	94	—2	8.2	27	—0.2	51.65	—31.26	9.55
Netarhat . . . . .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Maymyo	26-109	—077	S 62° W	1.6	68.9	67.7	75.1	—1.4	66.5	+1.0	78.0	64.8	94	+4	8.9	20	+5.1	11.03	+2.24	2.66
Pachmarhi	26-102	—028	S 87° W	5.8	68.4	66.9	76.3	+1.4	66.5	—0.5	81.0	64.6	93	+1	10.0	15	—6.2	10.06	—12.77	1.62
Mount Abu	25-785	—031	S 43° W	8.6	65.1	64.4	70.4	—1.6	63.8	—0.6	74.6	61.9	97	+2	9.9	16	—1.2	15.35	—4.29	5.30
Mercara	26-109	—005	N 87° W	6.6	64.0	63.0	67.7	—2.0	61.6	—0.5	71.6	59.2	95	—1	10.0	31	+4.8	30.92	+5.24	2.96
Ootacamund	22-946	+066	N 75° W	6.7	55.8	58.9	62.7	0	51.7	—0.4	69.0	49.3	89	+2	9.0	13	+0.6	4.69	—0.92	1.59
Kodaikanal	22-705	—017	N 66° W	8.9	56.6	53.0	64.5	+1.4	51.9	—0.6	68.4	49.3	80	0	6.8	9	—3.1	5.60	—1.14	1.29
Extra India.																				
Trincomalee	29-666	—009	S 56° W	6.8	78.9	73.2	94.7	+3.0	77.5	+0.5	97.4	72.6	75	—6	6.6	3	—2.1	3.02	—1.30	2.13
Colombo	29-805	—016	S 58° W	3.9	78.3	75.3	85.5	—0.5	77.0	—0.4	87.3	74.1	86	+4	8.4	3	—3.0	1.13	—2.19	0.42
Hambantota	29-727	..	S 68° W	11.8	76.8	74.8	87.1	—0.2	76.0	+0.7	93.3	73.8	91	..	4.2	2	..	0.47	—0.79	0.13
Minicoy	29-855	+010	N 58° W	5.7	..	..	..	..	..	..	..	..	..	..	5.6	14	+3.3	7.49	+0.38	1.51
Amini Divi	29-806	—016	N 72° W	13.5	81.6	76.6	86.4	+1.0	77.6	+0.3	88.6	72.7	79	—4	6.6	8	—3.4	5.32	—2.17	1.69
Gangtok	24-093	—231	N 66° E	40.7	65.8	64.8	73.0	—1.6	63.3	+7.7	79.3	61.2	95	+3	8.9	27	—0.4	26.91	+3.55	3.80
Kashgar (c)	25-308	—162	N 63° W	1.0	76.0	68.7	93.8	+4.0	65.7	+0.1	100.3	54.8	70	+17	2.7	0	—1.7	0.07	—0.53	0.07
Meshed	25-818	..	Calm	1.7	63.0	55.8	91.0	+2.6	56.0	—3.6	99.6	50.0	61	+14	0	0	—0.1	0	—0.03	0
Jask	29-469	—076	N 89° E	10.6	87.9	82.6	97.4	+3.1	86.0	+1.9	104.5	80.6	79	+2	0.8	0	0	0	0	0
Muscat	29-507	—022	S 51° E	5.0	87.6	82.6	95.3	+6.2	85.4	+1.4	104.4	78.6	80	—1	2.5	0	0	0	—0.01	0
Bushire	29-463	—040	N 48° W	5.7	91.4	81.1	97.7	+0.8	85.0	+1.1	114.0	79.4	63	—5	0.8	0	0	0	—0.01	0
Isfahan (c)	24-148	—107	N 19° E	1.5	70.4	61.3	93.2	—2.7	63.6	+0.4	97.4	59.2	60	+9	0.8	0	0	0	0	0
Teheran (c)	25-592	—130	N 45° E	2.9	73.9	61.5	91.3	—6.2	?	?	95.1	?	40	+8	1.1	0	—0.2	0	—0.04	0
Baghdad (d)	29-490	+040	N 27° W	..	88.5	68.4	110.2	+0.2	82.3	+3.1	115.5	75.1	32	—10	0.2	0	—0.1	0	—0.04	0
Aden	29-560	—020	S 30° E	7.3	81.8	75.3	90.3	—1.7	77.5	—2.9	94.8	75.3	73	0	3.4	0	—0.3	0	—0.12	0
Zanzibar	29-990	—018	S 8° W	2.6	75.0	71.7	80.3	—0.8	72.5	—0.2	82.2	71.5	84	—1	7.0	6	+1.8	1.33	—0.36	0.23

(c) Aneroid.

d = Mean of 30 days.

TABLE B.—SEPTEMBER 1922.

Abstract of 8 hrs. observations.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
I.—Burma.																				
Victoria Point	29-670	..	S 19° W	6-4	77-5	75-5	81-7	..	74-0	..	85-1	72-1	91	..	8-3	30	+6-4	32-70	+1-70	3-26
Mergui	29-736	—037	S 59° E	3-5	76-2	75-4	82-9	—1-6	73-5	+0-6	87-0	72-0	96	+3	5-8	28	+5-0	28-25	+1-50	3-55
Tavoy	29-771	—049	?	1-3	77-3	76-0	83-8	—0-7	75-2	+1-1	89-0	73-4	93	0	9-0	25	+2-3	31-18	—1-92	4-53
Moulmein	29-708	—025	S 66° E	2-3	77-9	75-8	84-3	—0-5	74-9	+0-3	88-4	73-2	91	—1	9-4	24	+2-0	28-09	+0-25	4-75
Rangoon	29-752	—024	S 2° W	2-9	70-0	77-2	85-8	+0-1	76-3	+0-3	89-4	74-5	92	0	9-5	20	+6-5	17-69	+2-44	1-81
Bassein	29-739	—018	S 38° W	2-6	79-3	77-0	85-8	+0-2	75-1	—1-0	90-1	73-2	92	—1	7-9	24	+3-8	17-30	+2-15	2-98
Diamond Island . . .	29-703	—040	S 56° W	5-8	80-6	78-0	84-3	—0-3	76-6	+0-3	86-2	73-0	89	+3	6-6	18	+0-3	15-47	—2-33	3-67
Toungoo	29-593	—033	S 56° E	1-8	78-4	76-0	88-0	—1-0	74-8	—0-5	93-2	73-5	89	—1	6-5	19	+1-4	13-14	+1-01	1-97
Kyaukpau	29-701	..	S 70° E	1-4	80-0	79-2	86-2	..	77-1	..	89-4	75-4	97	..	7-0	19	—0-3	17-65	—0-83	4-06
Akyab	29-692	—043	S 57° E	2-4	80-5	78-4	83-2	—3-2	77-1	—0-7	87-1	75-1	90	—3	7-9	19	0	22-00	+0-85	3-85
Minbu	29-559	—041	S 51° E	1-9	79-7	76-7	89-5	—0-8	76-2	—0-6	93-5	72-7	87	+1	5-3	12	+2-3	11-15	+4-95	1-85
Yamethin	29-101	—027	..	..	78-5	76-1	89-3	—1-4	75-2	+0-5	91-9	74-0	89	+1	7-9	15	+4-5	9-71	+2-69	1-86
Mandalay	29-501	—018	S	6-4	82-4	77-9	92-3	—0-5	77-2	+0-2	96-7	73-5	82	—1	7-3	11	+2-2	9-17	+3-25	2-95
Monywa	29-475	0	S 58° E	1-4	81-2	77-7	91-0	—0-8	77-6	—0-1	96-2	73-1	85	—2	6-6	9	+0-6	9-24	+2-70	2-59
Lashio	27-001	—012	E	1-0	71-5	70-2	83-2	—0-9	68-4	+0-5	87-4	62-0	94	+2	7-8	12	—1-3	6-79	—0-61	1-39
Bhamo	29-370	—015	Calm	0-5	79-0	77-2	91-5	+1-7	75-9	+1-3	96-6	73-8	92	+1	7-0	9	—3-6	6-73	—2-78	1-92
Myitkyina	29-255	—011	N 59° E	1-3	78-3	76-1	90-3	+0-5	75-0	—0-6	94-8	73-0	90	0	6-1	8	—4-3	5-99	—3-47	1-40
II.—Assam.																				
Dibrugarh	29-380	—010	N 81° E	0-3	78-9	78-3	87-3	+0-3	75-5	+0-7	92-3	71-1	97	+5	6-8	11	—3-9	10-95	—1-83	2-30
Sibsagar	29-401	—030	N 85° E	1-0	78-5	77-7	86-4	—1-4	76-2	—0-1	91-5	72-2	96	+2	9-2	12	—2-7	9-02	—2-81	2-98
Tezpur	29-505	+027	N 45° E	0-7	79-6	77-8	88-7	0	77-8	+1-0	94-8	74-2	92	+1	7-3	10	—1-3	3-67	—3-22	1-11
Gauhati	29-550	+012	N 6° E	1-1	80-4	77-7	89-4	—0-5	76-9	+0-2	94-3	72-6	88	0	5-3	12	+2-1	5-61	—4-59	1-55
Dhubri	29-515	—002	N 82° E	4-5	80-1	77-8	85-3	—0-1	78-1	+0-9	89-7	72-1	90	—1	5-1	9	—3-7	21-72	+7-38	4-93
Silchar	29-623	—031	N 45° E	1-7	82-2	78-9	90-3	+0-5	76-4	+0-1	95-7	74-4	86	—4	3-4	15	—0-2	12-55	—1-44	2-11
Srimangal	*29-699	..	..	..	78-8	77-0	91-2	+0-2	72-2	—3-5	96-1	68-6	92	+5	3-5	16	+0-5	11-16	+0-61	2-63
III.—Bengal.																				
Cox's Bazar	29-676	..	S 15° E	3-0	81-5	78-4	87-2	..	76-5	..	90-8	74-9	87	..	4-9	12	—2-0	5-26	—6-74	1-24
Chittagong	29-622	—032	S 80° E	3-0	80-9	78-3	89-0	+2-2	76-9	+0-6	92-7	74-5	89	+1	4-6	12	—0-6	5-43	—6-06	1-06
Noakhali	29-668	—022	S 48° E	4-3	80-9	78-8	87-3	+0-8	77-8	+0-4	90-8	75-2	91	+2	5-9	18	+2-3	19-53	+4-05	2-64
Barisal	29-676	—023	S 51° E	3-2	81-3	79-2	87-3	—0-7	78-4	+0-3	90-6	76-3	89	+1	5-2	18	+3-5	6-88	—3-89	1-41
Narayanganj	29-678	—022	S 54° E	1-4	82-2	78-8	88-0	—0-5	78-0	—0-9	92-7	74-8	85	—3	7-6	14	+2-4	13-26	+4-15	3-06
Mymensingh	29-644	—025	S 69° E	1-0	81-2	77-9	88-1	+0-5	78-2	+0-5	93-1	78-5	86	—4	7-5	13	—1-9	17-53	+3-64	6-02
Bogra	29-634	—013	S 76° E	0-9	82-0	79-8	88-5	—0-1	78-1	+0-4	93-7	71-0	90	+3	4-6	10	—2-8	22-02	+10-59	10-67
Dinajpur	29-568	—023	S 88° E	2-7	81-2	78-5	87-7	—0-9	78-1	+0-6	94-3	69-3	88	—1	5-4	12	—0-3	35-12	+23-12	10-40
Jalpaiguri	29-436	—008	S 57° E	1-1	79-4	77-3	88-5	+0-8	75-8	0	93-9	70-2	90	0	3-5	12	—3-4	14-45	—5-01	2-70
Saugor Island	29-636	—032	S 72° E	8-6	81-9	78-7	86-1	—2-1	78-5	—1-2	89-4	74-9	86	—2	8-0	16	+2-6	9-83	—1-34	1-45
Midnapore	29-506	—037	N 70° E	1-7	81-8	78-3	87-9	—2-0	78-3	+1-0	91-8	75-0	84	—2	9-4	15	+2-6	8-50	—0-22	1-11
Calcutta	29-639	—038	S 79° E	2-7	80-9	78-9	87-2	—0-8	78-1	+0-1	91-6	74-7	91	+4	8-6	17	+3-8	21-42	+11-49	5-77
Jessore	29-656	—021	S 42° E	3-5	81-9	78-8	86-9	—2-3	78-3	—0-1	90-9	73-9	87	—2	7-4	15	+3-3	16-53	+8-03	5-80
Khulna	29-661	..	S 41° E	1-9	82-5	79-2	87-4 (h)	..	78-2	..	91-8	75-7	85	..	7-4	12	..	5-44	..	1-82
Saikhira	29-670	..	S 5° E	0-1	82-9	79-5	85-0	..	?	..	92-1	?	86	..	6-3	19	..	11-71	..	1-99

* Mean of 21 days

(h) Mean of 26 days

TABLE B.—SEPTEMBER 1922—*contd.*

Abstract of 8 hrs. observations.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
III.—Bengal—<i>contd.</i>																				
Burdwan	20-558 (e)	—045	S 74° E.	1-5	81-0	79-0	88-2	—1-6	78-5	—0-3	91-8	74-4	87	+1	8-6	12	+0-7	6-32	—2-23	1-20
Asansol	20-243	..	..	..	80-7	78-3	88-2	..	74-8	..	92-1	70-1	80	..	8-8	12	+0-4	12-67	+4-62	3-14
Berhampore	20-610	—025	S 74° W	2-3	82-4	79-3	88-5	—0-5	79-6	+0-4	93-6	73-7	86	—3	8-4	10	—1-7	6-57	—3-45	1-48
IV.—Bihar and Orissa.																				
Balasore	20-592	—046	N 49° E	1-6	81-9	79-4	88-0	—0-8	78-0	+0-1	95-8	75-9	89	+2	7-9	16	+2-7	14-84	+2-66	2-25
Hukitala (False Point)	20-611	—051	N 60° E	6-3	..	..	..	..	..	..	..	..	..	..	6-6	20	+7-7	15-31	+5-11	2-10
Cuttack	20-567	—040	Calm	1-3	81-4	78-0	88-9	—1-2	75-0	—3-1	92-9	72-0	86	+3	4-8	13	+0-5	12-99	+2-88	4-05
Puri	20-626 (e)	—041	N 18° E	5-9	82-1	79-4	86-6	—2-4	79-7	0	90-0	76-0	88	+3	5-6	20	+8-2	20-09	+10-86	7-04
Angul	20-156	—066	N 42° W	3-5	80-0	77-5	87-4	—1-1	76-9	+0-4	90-8	74-4	88	+2	7-2	14	+3-3	8-02	+1-56	1-29
Sambalpur	20-151	—059	N 6° W	2-0	79-4	77-0	86-9	—2-0	76-8	—0-3	90-5	73-7	89	+7	5-3	18	+6-4	15-20	+6-47	4-43
Chailasa	28-898	—048	N 45° W	1-5	79-3	76-4	89-9	+0-3	76-4	+0-5	92-0	71-3	87	+1	6-9	18	+6-3	8-26	—0-32	1-83
Ranchi	27-538 (g)	—034	N 58° E	3-4	74-1	72-6	81-5	—2-6	70-7	—0-9	94-5	66-6	93	+9	8-4	17	+5-1	11-63	+2-68	2-33
Purulia	28-858	—010	S 16° E	1-2 (h)	79-4	76-3	88-1	—1-2	75-9	+0-2	92-5	70-9	86	—2	8-3	13	+1-8	8-88	—1-24	3-75
Daltonganj	28-936	—020	N 87° E	3-3	78-6	76-5	87-9	—2-4	72-9	—2-4	92-3	68-2	90	+6	5-9	12	+2-8	14-60	+7-63	4-05
Purnea	20-552	—033	N 74° E	2-6	80-7	78-7	87-4	—1-5	77-1	—0-4	93-3	69-8	91	+1	4-4	16	+5-1	11-75	—0-50	1-60
Monghyr	20-516	..	S 89° E	4-3	81-3	78-0	87-9	..	77-8	..	94-2	70-9	87	..	6-6	13	+2-6	6-89	—2-06	1-23
Darbhanga	20-525	—006	E	1-5	81-9	79-2	88-7	0	78-1	—0-5	93-9	71-4	88	+1	6-4	9	+0-8	8-63	+0-05	2-86
Pusa	20-492	..	S 89° E	2-7	82-1	79-6	88-8	..	77-1	..	94-5	70-2	89	..	6-3	11	+2-5	8-33	+2-19	2-88
Patna	20-496	0	S 88° E	4-9	83-0	79-3	88-1	—1-7	78-9	0	93-9	73-6	84	+1	7-1	10	+0-9	8-20	+0-76	2-24
Buxar	20-418	—024	S 84° E	2-7	81-3	78-6	87-9	—2-2	78-2	+0-5	92-8	73-1	88	+4	6-2	12	+3-1	9-09	+2-04	2-20
Gaya	20-301	—010	N 80° E	2-7	81-9	78-7	89-0	—1-9	78-0	+0-2	94-1	71-8	86	+4	6-5	9	—0-3	8-08	+0-41	3-01
Naya Dumka	20-160	—041	S 68° E	1-7	80-9	78-1	87-0	—1-9	76-7	+0-1	91-6	71-2	88	+3	8-1	17	+4-7	11-00	+1-88	4-09
V.—United Provinces of Agra and Oudh.																				
Gorakhpur	20-436	+005	N 88° E	0-9	81-1	78-2	88-2	—2-3	77-2	—0-4	93-1	71-6	87	+3	3-4	17	+8-3	11-54	+3-72	1-86
Benares	20-394	—019	N 79° E	1-9	81-9	78-8	88-3	—2-7	77-5	+0-3	93-0	74-3	87	+3	7-1	11	+2-6	12-75	+5-06	3-80
Allahabad	20-367	—006	N 76° E	2-6	81-5	78-7	89-1	—2-4	77-7	+0-7	94-7	73-9	88	+7	7-2	15	+7-3	11-12	+5-46	2-39
Cawnpore	20-250	—012	N 65° E	1-4	81-0	77-3	89-0	—2-1	77-6	+0-3	93-6	72-3	84	—3	3-4	10	+2-9	9-35	+2-44	2-77
Lucknow	20-293	—019	S 45° E	1-0	81-6	78-0	91-1	—0-8	77-4	+1-0	97-2	72-5	85	+4	4-5	15	+7-4	14-16	+7-44	2-35
Bahraich	20-245	—029	S 82° E	1-9	81-3	77-9	90-7	—0-7	77-0	+0-5	95-7	73-0	86	+4	4-0	11	+4-4	10-11	+2-28	4-13
Jhansi	28-846	—033	N 77° W	3-1	79-7	75-5	89-8	—1-7	75-2	—0-9	94-8	70-0	82	+5	5-2	7	—0-3	6-74	+0-66	2-85
Agra	20-109	—023	N 87° E	1-9	82-6	77-6	90-3	—2-0	76-7	—0-3	98-4	71-1	79	+5	5-6	10	+4-6	8-08	+4-03	2-16
Mainpuri	20-146	—017	N 45° E	0-6	80-5	77-7	89-2	—3-6	76-3	+0-3	95-0	70-4	87	+8	6-2	9	+3-0	3-67	—0-75	1-13
Bareilly	20-081	—030	N 70° E	2-0	79-6	76-4	85-5	—5-2	76-0	+0-3	91-9	70-1	86	+4	7-0	16	+9-2	11-55	+4-11	2-15
Roorkee	28-775	—012	S 63° E	1-3	77-8	75-1	87-5	—3-4	74-0	+0-7	92-6	66-8	88	+6	5-0	11	+5-4	4-82	—1-56	1-52
VI.—Punjab.																				
Delhi	28-964	—002	N 66° W	2-4	79-6	75-0	88-6	—4-1	76-6	—0-5	94-8	72-8	81	+10	5-4	8	+3-9	7-54	+2-56	2-60
Hissar	28-938	—016	S 22° W	3-9	80-1	74-6	93-4	—4-7	75-3	—0-6	104-0	69-5	77	+11	3-0	10	+7-1	7-08	+6-01	2-25
Patiala	28-804	—065	S 30° E	1-9	79-2	75-4	90-5	—2-7	74-5	0	96-9	69-0	83	+7	3-7	8	+3-8	7-34	+2-90	3-15
Ambala	28-763	—027	N 88° E	1-7	78-9	74-9	90-7	—2-2	74-0	+0-8	96-6	68-1	82	+1	4-7	8	+3-5	5-88	+0-73	1-80
Ludhiana	28-848	—021	S 04° E	1-8	79-1	74-6	92-2	—2-1	75-1	—0-1	102-8	69-0	89	+4	3-3	10	+6-2	4-26	+0-15	1-10
Lahore	28-951	—019	S 12° W	1-3	80-8	75-2	92-5	—5-8	76-1	+2-7	104-4	69-3	77	+7	3-7	8	+5-5	9-91	+7-56	2-85

(g) Mean of 27 days.

* Mean of 17 days.

† Mean of 2 days.

Mean of 26 days..

(e) Mean of 29 days.

TABLE B.—SEPTEMBER 1922—*contd.**Abstract of 8 hrs. observations.*

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
VI.—Punjab—<i>contd.</i>																				
Sialkot	28-831	—018	N 67° E	1-2	78-1	75-1	88-9	—6-3	74-1	0	97-8	65-6	87	+15	3-4	8	+4-3	13-84	+10-46	5-54
Rawalpindi	28-035	—001	N 29° E	1-1	76-9	72-3	89-9	—3-6	70-8	+1-7	100-7	62-4	80	+11	1-8	11	+6-8	11-34	+7-96	2-70
Khushab	29-060	—002	N 78° E	4-9	82-3	76-5	97-0	—1-9	76-0	—0-2	106-4	69-7	77	+15	3-0	2	+0-1	0-63	—0-62	0-32
Lyaipur	29-040	..	S 26° E	2-5	81-1	73-9	96-7	..	76-2	..	105-6	66-3	70	..	4-5	1	—0-7	0-23	—1-52	6-12
Montgomery	29-038	—021	S 21° E	2-7	82-9	75-0	96-2	—4-4	77-0	+0-9	105-3	69-1	69	+12	2-8	3	+1-3	2-73	+1-44	1-19
Multan	29-208	—018	S 31° W	1-9	83-8	76-7	98-8	—1-7	79-7	+2-2	108-0	72-7	71	+6	2-2	1	+0-4	1-54	+1-22	1-42
VII.—North-West Frontier Province.																				
Peshawar	28-572	—022	N 36° E	0-2	77-6	72-6	91-5	—1-1	73-0	+2-5	104-4	64-5	78	+14	1-3	4	+2-4	1-56	+0-79	0-46
Dera Ismail Khan	29-086	0	N 45° E	1-3	82-0	75-2	96-7	—3-1	77-2	+2-2	106-0	69-1	72	+3	1-5	2	+1-2	1-41	+0-86	0-82
VIII.—Sind.																				
Jacobabad	29-463	—010	S 37° E	2-6	86-7	77-9	98-5	—5-2	79-9	+3-7	104-2	70-4	64	—7	0-7	0	—0-2	0	—0-03	0
Hyderabad	29-553	—035	S 36° W	7-8	82-5	75-2	97-3	—0-1	77-9	+1-7	103-2	72-2	70	+2	1-6	0	—0-6	0	—0-52	0
Karachi	29-684	—031	S 83° W	9-4	80-2	76-5	85-3	—0-3	77-2	+1-4	87-5	74-6	84	+2	5-2	0	—0-6	0-16	—0-24	0-05
IX.—Rajputana.																				
Bikaner	28-895	—023	S 61° W	4-9	82-2	75-3	96-0	—2-1	77-5	—1-3	104-4	71-1	72	+2	3-2	8	+6-1	3-07	+1-39	1-30
Joधpur	28-918	—026	S 48° W	2-4	79-6	73-5	92-0	—2-9	75-3	—0-2	98-4	69-7	74	+5	5-6	6	+3-5	3-34	+1-08	0-96
Jaipur (e)	28-278	—019	N 48° W	2-8	79-7	73-6	90-8	—3-2	73-4	—0-1	94-5	68-0	74	+4	5-3	4	—0-6	1-88	—1-39	0-66
Ajmer	28-087	—039	S 71° W	1-8	75-9	71-8	86-5	—3-9	74-4	+0-3	91-8	69-8	81	+5	3-0	8	+4-3	3-23	+0-71	1-07
Kotah	28-831	—047	N 57° W	0-8	80-6	74-8	89-0	—3-5	75-6	—1-5	93-0	71-8	76	+8	4-5	9	+3-7	5-97	+1-61	3-10
X.—Bombay.																				
Deesa	29-260	—023	N 78° W	3-6	78-5	75-2	89-1	—4-2	74-5	+0-4	93-8	68-8	65	+9	7-5	11	+7-6	9-27	+5-85	4-80
Bhuj	29-383	—029	S 87° W	5-5	80-1	75-3	88-2	—3-8	74-0	—0-6	93-6	70-3	80	+2	7-4	5	+3-0	4-86	+3-01	2-80
Jamnagar . . . . .	..	..	S 49° W	8-8	80-0	75-9	87-5	—1-9	73-9	—0-4	91-1	69-4	83	+6	4-3	7	+4-3	3-35	+1-03	0-76
Dwarka	29-706	—028	S 69° W	6-5	79-5	76-1	84-9	—0-3	77-7	+0-4	87-9	75-2	85	+2	6-2	6	+4-3	2-94	+1-80	1-17
Rajkot	29-296	—041	S 59° W	6-0	77-7	74-7	87-1	—4-5	72-8	+0-6	91-0	68-0	86	+5	5-7	12	+7-1	4-73	+0-88	0-95
Veraval	29-740	—026	S 76° W	9-0	79-2	75-9	82-7	—0-9	77-4	+1-1	84-9	74-0	85	—1	6-3	5	+1-3	4-74	+2-47	2-83
Bhavnagar Para	29-698	—022	S 22° W	2-1	78-8	75-3	88-1	—4-9	74-3	—0-8	93-2	69-8	84	+6	6-8	12	+6-3	6-06	+2-34	2-33
Surat	29-721	—026	S 66° W	2-3	78-6	75-8	85-0	—3-6	75-1	—0-6	88-7	72-0	87	+5	7-7	16	+8-9	9-23	+3-23	1-59
Ahmadabad	29-577	—029	N 77° W	3-8	78-3	75-6	87-7	—4-6	75-4	—0-7	91-2	73-1	88	+10	6-5	12	+7-6	13-00	+9-87	3-45
Bombay	29-745	—029	S 56° W	7-0	78-5	75-6	84-0	—6-7	76-5	—0-2	85-9	74-1	87	0	7-5	16	+3-5	6-95	—3-62	1-27
Ratnagiri	29-587	—020	S 85° W	6-5	79-0	74-9	83-4	—0-7	74-8	+0-3	84-7	72-7	82	—5	5-2	17	+2-0	5-67	—6-27	0-82
Marmagao	29-759	—010	N 81° W	4-3	77-3	76-0	81-8	—1-4	74-6	—0-6	83-6	72-5	94	+3	7-7	14	—0-9	5-17	—3-37	0-94
Karwar	29-777	—013	N 72° E	1-4	77-2	75-3	83-5	+0-9	74-4	+0-4	85-7	71-8	92	+3	4-9	18	+2-6	10-27	—1-28	1-70
Malegaon	28-377	—032	S 58° W	7-6	77-3	70-9	88-2	0	70-9	+0-7	94-0	65-9	72	—4	6-6	5	—2-6	1-77	—3-99	0-83
Ahmadnagar	27-023	—026	N 52° W	5-6	74-9	69-2	86-4	+0-8	68-4	+0-5	91-9	63-8	74	—6	6-9	4	—3-8	1-85	—4-33	0-72
Poona	27-939	—016	S 50° W	4-5	73-2	68-9	83-9	—0-5	67-8	—0-8	90-8	62-7	80	—1	7-0	3	—4-2	1-31	—3-22	0-42
Sholapur	28-174	—023	N 71° W	8-7	76-8	70-2	92-4	+4-1	71-4	+0-3	95-9	68-0	71	—6	3-2	2	—6-8	0-49	—7-39	6-14
Bijapur	27-835	—017	N 79° W	8-0	74-8	69-2	88-5	+1-8	69-4	—0-3	93-5	66-5	75	—6	5-4	3	—5-6	1-57	—4-35	0-68
Belgaum	27-266	—012	S 82° W	4-5	69-2	67-5	78-4	—0-6	65-2	—0-1	86-2	60-3	91	+2	7-9	4	—5-2	1-50	—8-20	0-31

* Mean of 19 days.

(e) Mean of 29 days.

TABLE B.—SEPTEMBER 1922—*contd.**Abstract of 8 hrs. observations.*

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean Maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
XI.—Central India.																				
Nechmch	28-080	—040	N 77° W	3-6	77-0	73-0	85-0	—2-9	71-3	+0-4	89-7	66-2	83	+3	6-7	8	+1-6	11-58	+6-71	4-80
Indore	27-803	—042	N 77° W	2-4	74-5	71-8	83-5	—1-6	70-7	+0-7	87-4	66-1	87	+2	8-3	11	+2-6	12-13	+5-43	2-61
Nowgong	28-911	—028	S 84° W	1-3	78-4	75-7	87-5	—2-4	75-1	+0-1	91-1	68-9	88	+5	6-4	11	+3-8	8-25	+2-09	2-82
Sutna	28-610	—029	S 66° E	0-3	78-3	75-7	85-1	—2-8	75-7	+1-0	89-8	71-8	89	+7	5-8	13	+4-2	8-97	+2-16	1-77
XII.—Central Provinces.																				
Buldana . . . . .	..	..	N 83° W	5-4	72-6	69-4	81-5	—1-6	69-3	0	85-0	66-7	85	..	7-0	11	+2-2	7-45	+0-41	2-90
Akola	28-790	—028	N 81° W	5-0	77-4	72-5	87-9	—1-1	73-4	+0-7	93-6	69-5	79	—1	6-1	8	+0-1	5-51	—0-29	1-72
Amraoti	28-488	—031	N 57° W	4-4	76-3	72-4	86-0	—2-2	72-3	+0-2	90-8	67-2	83	0	7-4	9	+0-8	6-21	—0-01	3-82
Khandwa	28-667	—032	N 80° W	6-1	76-5	73-0	86-7	—1-3	72-9	—1-1	93-7	68-9	84	+2	5-1	11	+3-5	11-98	+5-81	2-84
Hoshangabad	28-686	—033	S 61° W	2-0	76-2	74-3	85-4	—2-0	72-3	—0-8	89-3	68-0	91	+5	6-4	14	+4-2	10-97	+2-22	3-04
Saugor	27-850	—071	N 56° W	3-6	75-2	72-5	85-3	—0-9	71-2	—0-3	89-2	66-2	88	+6	4-9	11	+1-7	8-52	+1-42	3-02
Jubbulpore	28-325	—050	S 52° W	1-7	77-3	74-0	85-0	—2-1	73-7	+1-0	88-9	68-9	85	0	6-6	14	+4-2	17-59	+9-60	3-40
Seoni	27-055	—038	N 29° W	3-4	75-3	71-2	83-2	—2-1	70-5	0	86-8	65-5	81	—2	7-1	10	—1-1	9-81	+0-98	2-57
Nagpur	29-669	—026	N 60° W	4-4	78-5	72-4	87-5	—1-5	73-6	—0-2	92-2	69-9	74	—7	4-9	14	+3-2	15-38	+7-04	6-89
Pendra	27-624	—040	N 19° W	2-3	75-8	73-5	83-9	—0-7	71-9	+0-7	86-9	66-8	90	+7	4-9	20	+10-0	11-44	+5-26	2-77
Raipur	28-692	—033	S 52° W	1-7	78-3	74-7	86-0	—2-0	74-7	0	89-3	70-9	84	0	6-7	12	+1-5	8-35	+0-71	2-78
Chanda	29-051	—049	S 76° W	4-5	78-6	75-0	86-5	—2-4	74-0	—0-3	92-1	71-0	84	+2	6-8	12	+1-1	15-44	+5-88	3-08
Jagdalpur	27-881	..	S 84° W	2-5	76-0	73-0	84-1	..	71-2	..	87-8	68-1	87	..	6-7	17	+2-8	10-91	—1-14	3-13
XIII.—Hyderabad.																				
Aurangabad	27-859	—026	S 89° W	8-4	73-6	69-2	85-4	—0-7	68-9	+0-2	91-3	65-2	80	+2	8-0	11	+2-8	6-92	+0-57	2-20
Nizamabad	28-485	?	N 72° W	2-5	75-8	72-3	85-7	—1-1	70-6	—1-9	89-9	67-5	84	+3	7-4	19	+9-2	10-65	+1-17	2-00
Gulbarga	28-256	—019	N 73° W	6-8	75-3	70-1	91-2	+3-4	71-3	+0-1	97-0	67-8	77	—3	6-0	4	—6-4	2-52	—4-98	0-75
Raichur	28-458	—007	N 68° W	9-5	77-6	70-8	92-5	+4-3	75-4	+3-0	96-6	72-2	70	—8	4-6	5	—5-3	3-12	—3-96	1-35
Hyderabad (Deccan)	28-034	—012	N 74° W	4-7	75-4	71-2	85-5	—0-5	71-3	—0-8	90-5	70-0	81	0	7-1	13	+4-0	6-04	—0-86	1-49
Hanamkonda	28-837	—018	N 65° W	4-4	78-9	73-3	86-4	—1-5	74-2	—0-4	90-5	71-4	76	—1	6-4	14	+5-2	6-08	—0-73	1-70
XIV.—Mysore.																				
Chitaldrug	27-417	—069	S 84° W	5-3	71-6	67-3	84-2	+0-8	67-3	0	88-9	65-1	79	—3	7-4	3	—4-2	1-29	—2-77	0-74
Hassan	26-728	—005	S 83° W	7-4	79-3	66-2	80-2	—0-3	64-0	—0-3	84-4	60-6	81	—2	6-5	1	—7-0	0-57	—3-29	0-21
Bangalore	26-641	—012	S 89° W	7-2	69-9	66-4	83-5	+1-6	65-4	0	88-3	63-1	83	—3	9-2	7	—2-2	2-99	—4-07	0-74
Mysore	27-325	—021	S 74° W	6-4	72-3	67-3	84-0	0	65-7	—0-6	89-0	63-3	77	—5	5-1	6	—2-3	1-61	—3-05	0-49
XV.—Malras.																				
Mangalore	29-777	—013	N 84° E	3-4	78-0	75-4	84-2	+0-3	73-7	+0-3	86-5	71-1	88	+1	6-9	18	+2-6	10-97	+0-52	1-61
Calicut	29-823	—006	N	1-0	76-5	75-6	82-2	—1-6	74-6	+0-4	84-2	72-8	96	+7	7-8	18	+6-7	7-52	+0-23	0-88
Cochin	29-861	+0-04	N 38° E	3-1	78-2	75-3	83-6	—1-3	74-1	—0-4	85-3	71-5	87	+2	6-6	18	+4-3	8-29	—0-36	1-22
Trivandrum	29-664	+0-06	N 43° W	5-9	76-4	74-0	82-3	—0-5	74-0	—1-1	84-0	72-0	89	+6	7-8	7	—0-6	1-82	—2-11	0-53
Pamban	29-742	—028	S 18° W	5-3	82-5	77-5	89-7	+0-1	78-3	0	90-8	77-6	79	+2	4-2	1	—1-0	0-29	—0-95	0-20
Madura	29-316	—022	N 49° W	3-6	81-4	73-5	95-8	+0-7	76-6	+1-4	99-1	74-7	68	—1	6-9	8	+1-3	2-54	—2-66	0-90
Pudukkottai	29-461	—006	N 61° W	3-8	80-6	72-9	94-8	+0-4	74-8	—0-8	100-0	71-2	67	—1	1-2	8	+1-0	7-78	+2-73	2-45

TABLE B.—SEPTEMBER 1922—*contd.**Abstract of 8 hrs. observations.*

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
XV.—Madras—<i>contd.</i>																				
Negapatam	29-753	—011	S 84° W	5-4	81-5	74-9	93-8	+1-1	77-2	+0-5	97-5	72-5	72	—2	5-7	9	+2-8	4-56	+0-78	1-25
Trichinopoly	29-530	—017	S 84° W	5-3	82-6	74-1	97-6	+2-4	76-6	+0-8	101-4	71-0	65	—7	4-8	7	+0-9	2-35	—2-21	0-71
Coimbatore	28-461	—012	S 30° W	5-5	77-8	71-6	89-7	+0-6	70-5	—0-2	92-8	69-1	73	—11	3-3	0	—3-1	0-15	—1-34	0-06
Salem	28-879	—012	S 34° W	3-8	76-9	72-7	91-9	+0-4	73-1	+0-8	97-6	70-8	81	+1	5-3	6	—2-7	3-19	—3-31	0-56
Cuddalore	29-727	—020	S 69° W	5-7	82-3	75-2	94-5	+2-3	77-4	+1-2	100-9	73-5	71	—9	6-6	6	—1-1	3-72	—2-26	0-96
Vellore	29-069	—007	N 70° W	4-1	81-4	75-2	95-3	+3-8	76-7	+1-1	100-5	71-8	74	+1	3-6	9	0	4-30	—3-42	1-32
Madras	29-720	—032	S 53° W	4-1	84-1	76-6	95-2	+2-2	78-1	+1-6	98-9	74-0	70	—8	4-5	7	—0-2	1-88	—3-33	0-38
Cuddapah	29-346	—012	N 74° W	..	83-5	74-2	96-7	+3-5	78-6	+2-6	101-8	73-2	63	—11	6-4	4	—4-5	2-40	—3-21	1-54
Bellary	28-313	—006	N 82° W	7-6	78-8	70-2	92-7	+2-1	72-8	—0-1	97-9	70-1	64	—6	5-9	2	—5-2	1-28	—3-41	0-91
Kurnool	28-841	—007	N 87° W	7-2	78-1	71-2	92-4	+2-8	75-4	+2-0	96-8	71-4	70	—8	6-7	3	—6-5	0-84	—5-31	0-23
Nellore	29-663	—027	N 67° W	3-0	84-6	74-6	96-9	+2-3	79-3	+1-6	100-7	72-4	61	—13	6-9	2	—4-4	1-08	—3-56	0-76
Masulipatam	29-697	—029	N 77° W	3-0	82-6	77-4	91-2	+0-4	77-9	+0-3	97-1	74-2	79	—5	7-1	6	—3-3	2-68	—3-22	1-20
Cocanada	29-661	—033	S 88° W	5-0	81-4	77-1	89-1	—0-7	77-8	—0-5	94-6	73-0	82	0	7-3	7	—1-2	5-85	+0-14	1-69
Vizagapatam	29-621	—044	N 59° W	4-9	83-2	77-9	89-7	+1-2	79-3	+1-4	94-8	75-5	78	—1	8-7	7	—2-0	3-61	—3-57	1-73
Calingapatam	29-622	..	N 53° W	3-5	81-5	73-5	89-8	..	78-1	..	94-0	74-6	87	..	6-3	8	—0-8	6-16	—2-78	3-04
Gopalpur	29-588	—044	N 1° W	3-7	81-9	79-8	88-1	—0-1	78-4	0	92-5	75-0	91	+6	6-5	10	+0-2	11-23	+3-37	2-08
Bay Stations.																				
P. V. Fraser	29-644	..	S 17° E	..	(f) 83-5	(f) 80-2	..	..	..	..	..	..	(f) 86	..	6-1	11?	+2-5?	5-51	+0-71	1-70
Port Blair	29-704	—046	N 83° W	8-8	79-3	76-8	84-1	—0-8	75-5	—1-1	87-8	72-7	89	—1	7-8	19	—1-2	20-15	+1-79	3-00
Table Island	29-611	—066	S 25° W	11-2	79-2	77-7	83-4	—1-1	76-2	—0-6	86-8	73-0	93	+3	6-1	17	+1-2	15-58	+3-65	1-86
Kashmir																				
Muzaffarabad	27-346	..	S 14° W	1-3	72-3	68-1	89-4	..	68-8	..	97-9	59-7	81	..	3-7	9	+4-8	5-88	+3-24	1-43
Srinagar	24-773	—040	S 16° E	2-0	67-3	62-0	81-1	+1-7	58-1	+4-1	92-9	45-8	74	—12	3-0	6	+2-3	3-10	+1-43	0-86
Gulmarg (h)	21-809	—035	N 5° E	3-0	56-4	53-6	66-0	+2-8	47-0	+4-0	76-2	35-8	85	+6	4-7	9	+3-9	5-87	+3-02	2-65
Dras	20-772	—007	S 24° W	6-0	52-9	46-9	69-8	—0-6	45-7	+6-2	80-4	34-2	68	+5	2-3	4	+2-2	1-03	—0-02	0-39
Leh	19-692	—015	Calm	0-9	52-2	45-0	70-6	+0-3	44-6	+3-3	83-1	34-4	60	+10	4-8	4	+3-3	0-81	+0-56	0-21
Skardu	22-753	—061	S 21° E	3-5	62-2	52-7	80-5	+3-0	54-0	+0-2	95-5	41-5	55	—6	3-0	1	—0-3	0-28	—0-57	0-23
Gilgit	25-012	—018	S 45° W	0-4	70-4	62-9	86-4	—0-7	63-3	—1-0	100-2	50-8	64	+15	4-1	2	+0-9	0-61	+0-27	0-29
Baluchistan																				
Fort Sandeman	25-291	..	N 18° E	1-0	71-8	62-9	93-3	..	67-8	..	102-3	57-8	61	..	2-1	2	+1-7	0-87	+0-76	0-41
Quetta	24-526	—041	S 24° E	1-9	60-3	53-3	89-0	+3-3	54-5	+5-3	97-1	39-7	62	+15	1-0	0	—0-2	0	—0-07	0
Chaman	25-533	—071	S 33° E	5-7	71-1	52-7	91-8	+3-0	65-2	+5-0	101-5	54-3	25	—5	1-3	0	0	0	0	0
Kalat	23-633	..	S 1° E	4-6	54-7	45-8	85-6	+0-2	48-1	?	95-3	36-5	49	+9	1-1	1	+1-0	0-27	+0-25	0-24
Dalbandin	26-931	..	N 45° E	3-6	72-0	54-5	101-0	..	63-1	..	110-7	50-6	(e) 28	..	2-3	0	0	0	0	0
Mirjawa	26-907	..	N 72° W	6-9	71-2	52-5	99-6	..	67-3	..	108-8	55-4	22	..	0	0	..	0	..	0
Pasni	29-666	..	N 64° W	7-3	76-5	73-3	89-1	..	73-1	..	101-6	66-9	85	..	3-0	0	0	0	—0-01	0
Panigur	26-578	..	N 38° E	2-3	69-1	62-7	96-6	..	67-2	..	105-1	52-9	69	..	1-4	0	0	0	..	0
Selatan (e)	27-938	..	N 45° W	13-2	70-9	57-8	92-9	..	67-6	..	107-2	49-5	43	..	0-5	0	..	0	..	0
Hill stations, excluding Kashmir and Baluchistan.																				
Parachinar	24-348	—022	Calm.	0-4	60-0	60-6	82-1	+0-5	60-6	+1-7	91-2	50-5	63	+12	2-2	3	—1-2	1-42	—0-58	0-80
Cherat	25-599	—012	N 28° W	1-6	69-1	64-7	81-2	—3-8	66-0	+0-3	92-7	58-2	80	+20	3-0	4	+1-1	5-30	+3-07	2-80
Droshi (e)	24-898	..	Calm.	3-1	71-3	62-7	89-2	+0-5	67-1	+2-8	98-5	53-4	62	+10	1-3	2	+0-2	0-63	—0-03	0-50

(e) Aneroid.

(h) Mean of 26 days.

(e) Mean of 29 days.

(f) Mean of 28 days.

TABLE B.—SEPTEMBER 1922—*concl'd.**Abstract of 8 hrs. observations.*

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Hill stations, excluding Kashmir and Baluchistan—<i>concl'd.</i>																				
Murree	23-916	—009	N 81° E	3-2	62-8	57-5	71-6	—1-7	60-5	+2-0	78-0	49-7	73	+7	4-1	12	+5-1	11-33	+5-68	3-23
Simla	23-050	—004	N 26° W	3-5	69-1	57-1	64-2	—1-9	58-9	+0-3	70-3	52-0	84	+7	5-8	16	+7-4	14-05	+8-01	2-85
Chakrata	23-332	..	S 34° E	6-3	62-8	60-7	68-3	0	57-0	+0-8	73-8	51-1	89	+5	5-9	16	+7-9	7-28	+0-50	1-03
Mukteswar	22-772	—027	S 87° E	4-1	58-5	57-2	64-6	—4-5	56-1	+0-7	72-0	50-3	93	+10	7-6	16	+6-8	11-06	+3-57	3-66
Darjiling	22-920	—003	N 45° W	0-1	60-3	58-5	65-6	+0-7	56-7	+1-0	71-4	50-4	89	—5	8-3	17	+0-3	9-28	—8-91	0-01
Kallimpong	25-901	..	N 76° W	5-8	69-3	67-7	75-7	..	65-4	..	80-4	60-0	93	..	6-2	11	..	6-26	..	1-90
Shillong	25-091	+059	S 76° E	1-1	67-5	64-8	73-9	—1-0	62-7	+0-7	79-7	59-7	87	+2	6-8	21	+3-6	13-68	+3-20	3-33
Cherrapunji	25-588	—008	N 45° E	0-7	69-4	65-7	74-3	+0-5	66-0	+1-3	89-0	60-7	83	—8	5-6	14	—4-8	24-55	—10-39	12-08
Netarhat . . . . .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Maymyo	26-300	—026	N 77° E	0-4	69-4	68-4	77-8	+0-5	65-9	+1-5	81-6	63-4	95	+5	7-5	18	+2-7	7-43	—3-73	1-09
Pachmarhi	26-260	—055	N 61° W	3-8	69-1	67-5	77-4	+0-2	66-3	0	81-0	62-1	93	+9	8-0	18	+4-8	18-11	+4-03	3-10
Mount Abu	25-903	—030	S 89° W	4-1	67-7	65-6	72-2	—2-9	64-3	—0-3	77-8	59-4	90	+11	6-8	20	+12-6	18-50	+9-95	5-37
Mercara	26-134	—008	N 72° W	5-2	64-2	62-9	70-2	—1-6	61-0	—0-8	75-8	58-2	93	0	9-4	20	+2-2	15-81	+5-25	3-10
Ootacamund	22-671	+006	N 77° W	5-0	58-0	54-5	65-5	+1-9	50-7	—0-4	70-6	47-7	81	—2	6-2	6	—6-1	1-59	—4-18	0-53
Kodaikanal	22-730	—017	N 74° W	6-8	57-1	54-1	64-0	+0-9	51-9	—0-3	67-3	48-7	83	+5	5-7	15	+2-6	9-05	+2-32	2-55
Extra India																				
Trincomalee	29-690	—010	S 58° W	7-3	79-4	73-7	95-4	+4-9	77-7	+1-1	99-5	74-7	75	—6	6-8	1	—5-1	0-42	—4-23	0-21
Colombo	29-837	—006	S 63° W	4-0	77-9	75-0	86-0	—0-3	76-7	—0-4	95-6	73-9	87	+5	8-5	5	—8-2	1-42	—3-15	0-55
Hambantota	29-756	..	S 67° W	11-6	76-8	74-3	87-4	+0-4	75-6	+0-4	92-3	72-9	88	..	4-9	2	..	0-95	—1-36	0-65
Mintooy	29-883	+011	N 50° W	5-2	..	..	..	..	..	..	..	..	..	..	4-9	16	+6-1	16-74	+10-59	2-54
Amini Divi	29-835	—022	N 53° W	10-9	80-7	75-8	85-6	+0-3	76-2	—0-9	90-4	73-3	79	—2	6-1	15	+4-6	9-35	+3-58	1-70
Gangtok	24-193	—208	E	1-0*	64-4	62-4	73-1	—0-8	61-1	+7-5	79-1	55-0	90	—1	6-4	16	—4-9	10-24	—7-71	1-84
Kashgar (c)	25-476	—134	Calm	0-9	64-6	58-9	84-2	+1-1	56-4	—0-9	98-8	41-3	72	+18	3-5	0	—0-7	0	—0-28	0
Meshed	25-921	..	S	1-1	54-5	49-2	83-2	+2-3	50-0	—1-8	97-9	41-5	68	+19	0-8	0	—0-1	0	—0-01	0
Jask	29-663	—036	S 88° E	12-0	83-1	77-7	93-0	0	81-4	+0-3	103-3	77-8	78	+4	2-0	0	0	0	0	0
Muscat	29-667	—027	S 51° E	4-9	84-0	79-0	91-4	+2-3	80-6	—2-5	99-6	73-8	80	+5	2-4	0	0	0	0	0
Bushire	29-638	—048	N 49° W	6-9	85-2	76-1	92-0	—2-0	79-0	—0-2	100-1	68-1	64	—3	0-2	0	0	0	0	0
Ispahan (c)	24-181	—164	N 71° W	1-4	64-6	54-8	89-1	—0-7	59-1	+3-2	97-4	53-2	54	+2	0-2	0	—0-1	0	—0-04	0
Tehran (c)	25-634	—208	N 43° E	3-0	65-1	54-4	84-7	—0-0	..	..	97-3	..	49	+6	1-3	0	—0-2	0	—0-06	0
Baghdad	29-673	+043	N 34° W	..	77-2	61-3	101-7	—1-6	71-4	—1-1	111-4	59-0	36	—8	0-4	0	0	0	0	0
Aden	29-630	—038	E	5-6	88-8	78-3	92-8	—0-7	81-3	—1-3	96-2	76-3	77	+2	3-4	0	—0-2	0	—0-15	0
Zanzibar	29-096	+003	S 2° W	2-9	76-1	72-1	81-7	—0-6	73-0	—0-6	84-4	69-5	82	—1	6-7	5	—0-1	1-37	—0-62	0-60

* Mean of 20 days.

(n) Mean of 20 days.

(c) Aneroid.

TABLE B.—OCTOBER 1922.

Abstract of 8 hrs. observations.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
I.—Burma.																				
Victoria point	29.722	..	N 53° E	4.3	78.0	76.0	84.2	..	75.2	..	90.1	73.3	87	..	6.5	12	-5.0	6.78	-12.09	1.84
Mergui	29.808	+004	S 75° E	3.0	77.8	75.5	85.9	-1.0	73.7	+1.0	90.8	71.6	90	+1	2.3	13	-3.4	5.20	-6.98	1.78
Tavoy	29.856	-001	N 45° E	1.2	78.5	76.0	88.4	+0.7	74.6	+0.9	92.6	71.3	89	0	5.6	11	-1.7	4.80	-5.74	1.14
Moulmein	29.817	+020	N 75° E	2.1	80.0	76.5	88.7	+0.8	75.5	+0.6	91.9	73.0	85	-3	4.2	7	-4.2	2.51	-6.11	0.85
Rangoon	29.873	+026	N 40° E	2.7	80.1	77.2	89.1	+1.6	76.9	+1.1	92.9	74.8	87	-3	7.5	8	-2.0	3.45	-3.54	0.74
Bassein	29.867	+032	S	2.0	80.0	77.5	89.2	+1.9	74.4	-1.2	91.8	69.1	89	-4	4.6	7	-5.4	4.13	-4.07	1.16
Diamond Island	29.826	+013	N 67° E	4.7	82.6	79.0	86.7	+0.5	77.8	+0.7	90.0	74.0	85	+2	5.1	6	-4.8	3.22	-5.13	1.13
Toungoo	29.723	+016	N 23° E	1.1	79.1	75.8	91.1	+1.2	73.6	-1.0	93.2	71.8	85	-4	3.5	8	-2.2	5.81	-1.61	2.36
Kyaukpau	29.854	..	S 78° E	0.8	81.2	77.7	86.6	..	76.5	..	90.2	73.2	85	..	4.2	6	-5.4	5.39	-3.52	2.08
Akyab	29.854	+018	N 61° E	1.9	78.8	76.3	?	?	75.2	-1.4	?	70.5	89	-2	5.9	10	+0.8	12.24	+1.63	3.49
Minbu	29.703	+003	S	1.8	79.5	75.8	89.8	-0.7	74.7	-0.5	93.3	72.7	84	0	3.0	3	-3.5	2.35	-2.25	1.18
Yamethin	29.234	+015	..	..	78.7	76.0	89.3	-1.7	74.7	+0.7	91.2	72.0	88	+1	4.2	8	-0.1	10.46	+4.57	1.93
Mandalay	29.643	+028	Calm.	4.6	80.5	76.5	90.8	-1.0	75.2	+0.4	93.7	71.5	83	0	5.6	9	+2.6	9.13	+4.39	3.47
Monywa	29.625	+040	N 24° E	1.3	78.5	75.4	89.9	-0.4	75.1	-0.3	93.2	70.9	86	-3	6.1	6	-0.2	6.16	+1.76	2.14
Lashio	27.134	+023	Calm.	1.1	68.1	67.7	80.5	-2.4	66.0	+2.2	86.0	60.4	97	+4	8.6	12	+2.2	6.12	+0.43	1.54
Bhamo	29.528	+032	Calm.	0.4	73.9	72.5	85.8	-2.0	71.0	+1.2	94.4	64.6	93	+4	7.0	10	+3.7	6.96	+2.65	1.49
Myitkyina	29.413	+027	S 45° W	1.6	72.8	70.8	84.2	-2.0	69.8	-0.8	93.2	65.0	90	+1	7.2	14	+5.6	12.07	+4.65	2.17
II.—Assam.																				
Dibrugarh	29.554	+024	S 82° E	0.5	73.4	72.3	84.5	0	68.5	-1.0	91.9	64.1	95	+6	3.3	9	+0.7	4.48	-1.28	1.26
Sibsagar	29.574	+005	N 45° E	0.5	71.7	71.0	83.5	-0.9	69.2	-1.4	88.9	63.8	96	0	8.1	4	-3.6	1.79	-3.33	0.63
Tezpur	29.674	+051	N 58° E	1.1	73.4	70.7	86.6	+0.5	71.5	+0.4	92.0	67.8	88	-1	3.7	6	0	2.67	-1.32	1.50
Gauhati	29.720	+027	N 56° E	0.8	75.0	71.9	87.8	+0.5	69.7	+0.8	92.6	65.1	85	-4	3.0	3	-0.6	1.40	-1.13	0.61
Dhubri	29.804	+042	S 84° E	2.1	75.9	72.7	83.2	-1.7	74.5	-1.8	87.0	69.3	85	-3	1.9	4	-0.3	2.43	-1.52	0.78
Silchar	29.799	+021	N 10° E	0.6	76.1	73.8	88.4	-0.3	72.0	-0.3	94.5	67.4	89	0	5.1	8	+0.4	6.04	-0.53	1.60
Srimangal	29.845	..	..	..	74.5	71.9	88.9	-0.2	65.1	-5.5	93.9	56.8	87	+1	2.9	7	-1.5	6.42	-0.50	2.60
III.—Pengl.																				
Cox's Bazar	29.849	..	N 71° E	1.3	78.5	75.3	86.0	..	72.7	..	88.8	66.9	86	..	3.8	9	+0.4	8.19	-0.04	2.01
Chittagong	29.800	+029	N 72° E	1.7	76.0	73.4	86.4	-0.2	71.6	-1.7	90.1	64.5	89	0	3.8	8	+1.0	6.52	-0.38	2.75
Noakhali	29.848	+035	N 57° E	2.2	76.4	74.4	85.0	-1.2	72.6	-0.9	89.2	64.3	91	+3	4.7	5	-2.4	10.70	+2.39	6.72
Barisal	29.872	+038	N 26° E	1.8	78.6	75.3	85.4	-2.2	73.3	-1.3	89.7	66.6	85	+1	3.9	5	-1.5	6.93	+0.06	1.94
Narayanmanj	29.868	+033	S 20° E	0.1	78.7	74.2	86.3	-1.6	73.5	-1.8	89.5	69.0	80	-5	4.1	5	-0.6	11.20	+6.36	3.90
Mymensingh	29.825	+023	Calm.	0.3	77.5	73.7	86.8	+0.1	72.9	-0.7	91.2	69.0	82	-5	3.9	3	-2.4	7.38	+2.14	3.55
Ferra	29.839	+049	E	0.2	78.1	74.8	86.1	-1.2	71.7	-1.1	90.4	64.8	85	+1	2.4	4	-0.9	2.92	-1.47	1.18
Dagajpur	29.766	+025	N 24° E	1.1	76.8	72.3	86.5	-1.0	70.3	-1.4	90.3	62.3	80	-5	2.2	2	-1.9	2.05	-1.26	1.25
Jaipauri	29.615	+027	N 31° E	0.6	72.6	70.0	86.5	+0.1	68.3	-1.8	90.0	62.9	87	0	1.4	3	-1.6	2.25	-2.42	1.20
Saugor Island	29.878	+043	N 24° E	6.1	79.5	75.1	85.2	-1.9	74.7	-1.5	89.2	70.5	81	-4	4.9	7	-0.4	4.95	-2.59	2.43
Midnapore	29.731	+029	N 14° E	1.0	78.2	72.5	87.5	-1.9	71.6	-1.6	91.9	63.4	75	-4	4.5	5	-0.2	1.89	-1.42	1.02
Calcutta	29.870	+036	N 41° W	1.9	77.1	74.0	86.2	-1.0	72.8	-1.5	91.9	65.5	86	+2	3.7	5	-0.9	2.24	-1.61	0.57
Jessore	29.873	+048	S 45° E	0.8	78.0	74.3	85.9	-2.5	73.4	-0.9	83.9	61.5	84	-1	1.9	4	-1.5	1.15	-3.48	0.33
Khulna	29.874	..	N 31° E	1.1	79.2	75.0	86.5	..	72.9	..	92.3	65.0	82	..	4.2	8	..	4.44	..	1.54
Sitkhira	29.895	..	N 45° W	?	79.5	75.2	..	..	..	..	..	..	81	..	4.0	5	..	2.57	..	0.90

(a) Mean of 23 days.

(b) Mean of 26 days.

TABLE B.—OCTOBER 1922—contd.

Abstract of 8 hrs. observations.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
III.—Bengal—contd.																				
Burdwan	29.792	+0.029	N 9° W	0.9	77.8	73.2	87.2	-1.8	73.2	-1.3	92.1	66.2	79	-2	4.6	4	-0.1	3.13	+0.16	1.15
Asansol	29.463*	..	..	..	75.8	71.1	87.5	..	67.8	..	92.3	61.1	79	..	3.7	3	-0.4	3.71	+1.46	2.81
Bechampore	29.841	+0.042	W	0.7	78.2	73.7	86.8	-1.0	72.2	-1.1	91.4	65.7	80	-5	2.7	4	-0.4	3.45	-0.10	2.78
IV.—Bihar and Orissa.																				
Balasore	29.850	+0.052	N 5° W	1.2	77.5	73.2	88.4	0	71.2	-2.0	92.2	63.7	80	-3	4.3	4	-1.6	2.79	-2.52	1.05
Hukitala (False Point)	29.872	+0.053	N 26° W	5.0	..	..	..	..	..	..	..	..	..	..	5.4	8	+0.9	9.60	+1.77	5.04
Cuttack	29.826	+0.057	Calm	1.0	72.4	73.3	88.8	-1.2	69.5	-5.1	92.5	63.3	83	+3	4.3	4	-1.8	2.65	-2.32	0.85
Puri	29.885	+0.062	N 17° E	5.2	79.8	75.5	87.6	-1.4	76.7	-0.1	90.0	72.5	81	0	3.8	2	-4.9	0.55	-6.96	0.30
Angul	29.416	+0.029	N 54° W	2.8	76.3	71.9	87.6	-1.5	70.2	-0.7	91.3	62.4	79	0	3.7	3	-1.7	0.72	-2.79	0.29
Sambalpur	29.395	+0.021	N 17° E	1.2	74.8	71.5	86.8	-2.0	70.2	-1.4	90.8	62.9	84	+7	2.5	4	+0.7	1.43	-0.31	0.52
Chaibasa	29.146	+0.035	S 45° W	1.1	72.8	69.1	87.1	-1.3	67.8	-2.1	91.7	58.7	82	0	3.6	5	+1.2	1.68	-1.10	0.71
Ranchi	27.772	+0.051	N 64° W	2.1	70.9	64.8	81.1	-2.2	63.0	-2.4	86.4	56.9	71	+1	6.2	4	+0.1	3.71	+1.37	2.23
Purulia	29.087	+0.056	S 45° W	1.4	76.4	69.5	88.3	-0.7	68.7	-1.5	92.8	61.6	69	-9	3.6	3	-0.5	3.50	+0.74	2.10
Daltonganj	29.187	+0.060	S 45° E	2.2	70.1	67.1	87.5	-1.9	61.3	-4.3	90.1	53.4	85	+5	2.0	2	-0.9	2.22	+0.69	1.54
Purnea	29.771	+0.026	S 81° W	1.2	75.6	72.2	87.1	-0.5	67.5	-3.6	91.0	57.9	85	-3	1.2	1	-2.2	0.90	-1.93	0.77
Monghyr	29.739	..	S 55° W	1.9	77.3	71.4	87.0	..	71.3	..	90.2	63.9	75	..	2.6	1	-1.0	0.24	-0.61	0.23
Darbhanga	29.738	+0.044	Calm	0.2	77.0	71.9	87.5	+0.4	69.4	-3.3	91.0	61.1	77	-6	2.2	0	-2.8	0.18	-2.34	0.69
Pusa	29.706	..	S 32° W	1.0	75.6	72.3	88.1	..	68.3	..	91.9	61.6	85	..	1.6	2	-0.5	1.30	-0.06	1.61
Patna	29.719	+0.054	S 75° W	1.4	79.0	71.9	87.6	-0.9	71.7	-0.8	95.3	65.7	69	-5	1.8	0	-3.1	0.01	-2.61	0.01
Buxar	29.655	+0.042	S 45° W	1.5	74.8	69.8	89.2	-0.9	61.8	-0.8	91.9	62.4	77	+5	1.7	0	-2.7	0	-2.75	0
Gaya	29.538	+0.055	S 39° W	1.4	77.5	69.9	87.2	-2.7	69.5	-1.5	91.1	63.2	67	-6	2.2	2	-0.7	1.13	-0.84	0.80
Naya Dumka	29.386	+0.023	Calm	0.7	76.3	71.3	86.6	-1.4	68.1	-2.6	91.2	59.6	77	-1	2.3	4	0	1.45	-1.77	0.63
V.—United Provinces of Agra and Oudh.																				
Gorakhpur	29.649	+0.053	N 76° E	0.3	75.5	70.2	87.7	-1.0	68.7	-0.9	92.1	60.8	76	-1	0.3	0	-2.5	0	-3.81	0
Benares	29.634	+0.046	S 58° W	1.2	76.8	69.7	89.9	-0.4	65.6	-2.1	93.4	59.1	68	-6	1.4	0	-2.4	0	-2.51	0
Allahabad	29.608	+0.062	S 70° W	1.4	75.8	68.6	90.9	+0.1	66.1	-1.2	94.6	59.5	68	0	1.0	0	-1.9	0	-2.46	0
Cawnpore	29.489	+0.054	S 59° W	1.0	72.8	66.4	89.6	-0.9	66.3	-0.6	93.4	60.1	70	-5	0	0	-1.4	0	-1.25	0
Lucknow	29.530	+0.047	S 45° E	1.0	73.3	67.7	91.8	+0.6	65.9	+0.3	94.9	60.5	74	+4	3	0	-1.6	0	-1.15	0
Bahraich	29.491	+0.052	E	1.0	75.3	69.6	88.8	-1.8	66.5	-1.4	92.3	60.6	74	-2	0.3	0	-1.6	0.08	-1.45	0.08
Jhansi	29.081	+0.032	S 44° W	2.8	76.0	64.6	93.2	+0.1	65.3	-4.5	95.9	59.8	51	-5	1.8	0	-1.0	0	-0.73	0
Agra	29.339	+0.036	S 59° W	1.1	77.8	66.4	93.4	0	67.6	-0.4	97.1	62.1	52	-5	0.5	0	-0.8	0.02	-0.76	0.02
Mainpuri	29.375	+0.042	N 56° W	0.1	73.3	65.8	91.6	-1.3	63.7	-1.2	94.1	58.3	66	+1	0	0	-1.0	0	-1.28	0
Bareilly	29.300	+0.022	N 28° E	1.4	72.0	67.2	86.2	-3.3	65.3	+0.3	90.8	58.0	76	0	0.1	0	-0.8	0	-1.22	0
Roorkee	28.988	+0.038	S 45° E	0.8	67.0	62.8	86.2	-2.8	59.2	-1.8	90.2	51.6	79	+4	0.3	0	-0.7	0.04	-0.50	0.04
VI.—Punjab.																				
Delhi	29.177	+0.045	N 87° W	1.3	72.3	63.2	88.8	-3.0	..	..	93.8	..	58	+6	0.6	1	+0.5	0.19	-0.11	0.19
Muzar	29.158	+0.034	S 9° W	3.0	70.2	61.3	93.0	-3.0	61.5	-1.7	97.7	54.5	58	+6	0.8	0	..	0	-0.13	0
Patiala	29.045	+0.012	S 72° E	1.6	70.4	64.1	88.6	-2.9	61.9	-0.6	93.9	56.0	71	+7	0.9	0	-0.7	0.09	-0.19	0.09
Ambala	28.982	+0.030	N 86° E	0.8	68.9	61.6	90.4	-1.8	60.4	-0.4	95.3	53.5	64	-5	1.1	0	-0.7	0	-0.25	0
Ludhiana	29.075	+0.030	S 45° E	1.3	67.8	60.7	90.8	-1.0	61.8	-1.7	97.1	55.8	64	+2	0.5	0	-0.5	0.02	-0.33	0.12

(a) Wind observations for 19 days.

(b) Mean of 18 days.

(c) Mean of 29 days.

(d) Mean of 30 days.

TABLE B.—OCTOBER 1922—*contd.**Abstract of 8 hrs. observations.*

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
VI.—Punjab—<i>contd.</i>																				
Lahore	29.184	+0.42	N 13° E	0.8	68.6	62.4	80.8	—5.1	61.9	+1.6	97.0	54.4	69	+8	0.9	0	—0.5	0	—0.24	0
Sialkot	29.065	+0.45	N 62° E	1.0	68.9	62.5	85.7	—6.8	59.4	—3.1	91.7	52.4	68	+8	0.5	0	—0.7	0.03	—0.22	0.03
Rawalpindi	28.247	+0.48	S 66° E	1.2	65.2	58.6	83.6	—5.0	57.4	+0.9	90.7	51.1	66	+8	0.2	1	—0.2	0.10	—0.43	0.10
Khushab	29.299	+0.53	N 69° E	3.3	72.5	62.0	91.5	—2.6	62.9	—0.6	100.0	56.2	53	+7	0.8	2	+1.6	0.46	+0.34	0.26
Lyalpur	29.277	..	S 40° E	1.5	69.9	61.1	91.6	..	62.0	..	99.6	55.3	58	..	1.1	1	+0.7	0.32	+0.14	0.26
Montgomery	29.333	+0.42	S 43° E	1.8	72.0	62.7	91.8	—4.5	64.1	+1.1	98.4	57.1	54	+11	0.9	1	+0.7	0.12	+0.05	0.12
Multan	29.462	+0.47	N 13° W	1.3	72.3	63.7	93.1	—2.8	67.7	+2.6	99.2	62.9	61	+5	0.5	1	+0.9	0.15	+0.12	0.13
VII.—North-West Frontier Province.																				
Peshawar	28.822	+0.45	S	0.1	63.7	58.4	84.8	—3.4	58.1	+0.2	93.6	53.0	71	+12	0.7	2	+1.5	0.42	+0.24	0.26
Dera Ismail Khan	29.346	+0.70	N	0.7	71.0	61.7	90.0	—3.8	63.7	+2.0	98.0	58.0	56	—3	0.9	0	—0.2	0.03	—0.07	0.03
VIII.—Sind.																				
Jacobabad	29.716	+0.49	N 62° E	2.3	77.1	65.3	93.3	—5.9	66.0	+2.8	99.3	57.6	50	—5	0.3	0	—0.1	0	—0.05	0
Hyderabad	29.796	+0.35	S 29° W	4.6	77.2	67.6	96.7	—1.2	69.3	—0.8	101.9	62.2	59	+3	0	0	0	0	—0.01	0
Karachi	29.906	+0.38	N 54° W	6.0	76.6	72.1	85.6	—1.0	72.1	—0.9	95.3	68.0	80	+7	1.9	0	0	0	0	0
IX.—Rajputana.																				
Bikaner	29.120	+0.39	S 27° W	4.0	77.6	63.9	95.8	—0.3	68.8	—2.6	99.4	61.9	44	—4	0.3	1	+0.6	0.37	+0.22	0.37
Jodhpur	29.130	+0.36	S 9° W	1.9	76.1	64.0	96.0	—0.9	66.7	—0.8	98.5	61.4	48	+5	0.6	0	—0.3	0	—0.20	0
Jaipur	29.404	+0.42	N 35° W	2.5	76.1	62.7	93.5	—1.1	63.1	—1.7	96.5	56.2	45	—4	0.4	1	+0.5	0.16	—0.49	0.13
Ajmer	28.204	+0.17	S 59° W	1.7	67.3	59.4	91.1	—0.8	64.9	+0.7	93.4	57.8	62	+2	0.2	1	+0.5	0.32	+0.06	0.32
Kotah	29.059	+0.23	N 26° W	0.4	79.6	65.4	94.0	—1.0	68.7	—1.6	97.0	63.6	43	—4	0.4	0	—0.6	0	—0.36	0
X.—Bombay.																				
Deesa	29.456	+0.41	N 36° E	3.3	74.6	65.6	95.8	—1.7	63.8	—3.2	99.0	59.0	60	+9	0.2	0	—0.4	0	—0.36	0
Bhuj	29.582	+0.39	N 53° W	3.2	80.9	71.6	95.4	—0.7	68.2	—2.7	98.6	64.1	62	0	0.3	0	—0.4	0	—0.24	0
Jamnagar . . . . .	..	..	N 2° W	0.9	81.8	74.0	94.3	+0.5	70.8	..	98.0	66.6	68	+2	0.4	0	—0.1	0	—0.13	0
Dwarka	29.896	+0.42	N 12° W	5.4	78.6	73.4	87.9	+1.3	74.9	—0.5	95.8	71.5	77	—1	0.5	0	—0.2	0	—0.07	0
Rajkot	29.480	+0.27	N 26° W	2.9	77.2	69.4	95.6	0	67.1	—1.1	99.3	61.5	67	+1	1.7	3	+2.1	1.76	+1.40	1.23
Veraval	29.896	+0.36	N 1° E	5.5	78.5	69.8	88.9	0	73.0	+0.6	96.1	68.3	64	—4	0.6	0	—0.5	0	—0.33	0
Bhavnagar Para	29.874	+0.50	N 40° W	1.1	79.4	68.4	95.8	—0.7	71.1	—2.4	99.2	68.2	55	—6	1.6	0	—0.5	0	—0.27	0
Surat	29.878	+0.36	N 57° E	2.4	79.3	70.3	95.0	+1.3	71.7	+0.5	97.4	68.2	62	—8	1.8	1	—0.9	0.14	—1.25	0.14
Ahmadabad	29.768	+0.47	N 70° E	3.1	78.6	68.4	95.9	—1.3	70.5	—1.9	98.0	66.3	57	+1	0.3	0	—0.6	0	—0.37	0
Bombay	29.856	+0.18	N 76° E	5.3	79.3	75.3	89.4	+1.6	76.7	0	92.3	74.1	82	0	2.8	2	—0.4	0.61	—1.14	0.34
Ratnagiri	29.664	+0.13	S 79° E	5.6	82.7	73.1	91.1	+2.9	75.0	+1.0	97.9	71.1	63	—15	2.9	3	—1.7	1.02	—2.45	0.68
Marmagao	29.820	+0.23	S 75° E	1.7	77.4	75.1	84.4	—1.3	74.8	—0.8	97.0	71.2	89	—1	6.0	0	—6.0	0.14	—3.65	0.08
Karwar	29.832	+0.13	Calm.	1.0	76.6	74.4	88.2	+2.8	73.4	—0.2	92.8	66.1	90	+1	1.2	3	—4.0	2.68	—2.93	0.51
Malgaon	28.478	+0.27	S 54° W	2.9	77.4	65.4	93.8	+2.5	65.1	—0.6	96.0	56.8	51	—9	2.6	0	—2.6	0.04	—1.81	0.04
Ahmadnagar	27.773	+0.28	N 57° E	4.4	77.8	64.9	90.9	+2.2	65.4	+0.3	94.8	56.5	48	—14	3.4	2	—1.0	0.32	—1.57	0.19
Poona	28.076	+0.40	N 79° E	2.5	73.4	66.5	90.6	+1.6	64.9	—1.5	96.2	58.1	69	—2	3.6	4	—1.0	3.35	—0.33	2.42
Sholapur	28.306	+0.30	N 83° E	6.8	78.6	68.0	93.0	+2.6	69.5	+1.1	97.5	60.5	57	—4	2.0	1	—3.3	0.51	—2.66	0.30
Bilapur	27.956	+0.36	S 90° E	3.4	76.1	67.5	88.8	—0.1	69.1	+0.7	93.5	60.2	64	—6	5.0	2	—2.5	1.21	—1.74	0.99
Belgaum	27.361	+0.31	N 74° E	2.9	72.5	66.2	84.7	+1.5	65.8	+0.7	87.4	58.8	71	—7	6.4	5	—2.6	1.02	—2.81	0.82

(a) Mean of 30 days.

(e) Mean of 29 days.

(f) Mean of 15 days.

(g) Mean of 6 days.

(k) Mean of 23 days.

TABLE B.—OCTOBER 1922—*contd.**Abstract of 8 hrs. observations.*

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
XI.—Central India.																				
Neemuch	28.291	+0.26	E	1.2	80.1	64.1	90.7	-0.4	62.9	-1.5	92.7	57.0	39	-12	0.2	0	-0.7	0	-0.35	0
Indore	28.098	+0.32	N 83° W	2.0	77.7	65.3	90.1	+1.6	62.2	-1.1	92.3	56.1	50	-12	0.4	0	-1.9	0.07	-0.99	0.07
Nowgong	29.147	+0.41	S 33° W	0.8	69.4	63.6	88.2	-1.8	61.9	-3.2	92.1	55.9	71	+2	1.1	0	-1.5	0	-1.06	0
Sutna	28.853	+0.44	Calm	0.5	72.2	65.6	86.4	-1.6	64.9	-0.8	89.8	58.8	69	+1	0.7	0	-2.1	0	-2.14	0
XII.—Central Provinces.																				
Buldana . . . . .	..	..	N 9° E	4.0	77.4	64.6	87.4	+1.5	67.5	-0.5	89.4	63.9	48	..	3.5	0	-2.7	0.06	-2.10	0.06
Akola	28.989	+0.42	N 32° E	1.9	76.6	65.7	93.0	+2.0	66.0	0	90.0	59.5	53	-9	3.2	0	-2.4	0.03	-1.86	0.03
Amraoti	28.685	+0.29	N 65° E	2.8	72.9	65.4	91.3	+0.5	68.1	-0.1	98.0	61.1	49	-9	2.3	1	-1.4	1.16	-0.60	1.14
Khandwa	28.871	+0.41	S 18° E	2.3	75.0	65.3	93.3	+1.4	63.1	-2.9	90.0	55.4	57	-4	2.2	0	-1.9	0.01	-1.03	0.01
Hoshangabad	28.917	+0.44	N 78° E	1.2	69.8	63.8	90.2	+0.6	63.3	-2.9	92.1	56.6	70	-1	1.8	0	-1.9	0	-1.24	0
Saugor	28.075	+0.03	S 59° W	2.4	74.7	62.2	90.0	+2.1	64.7	-1.4	94.2	60.6	47	-9	1.1	0	-1.7	0	-0.93	0
Jubbulpore	28.559	+0.24	S 25° E	0.9	71.2	64.9	86.4	-1.1	63.7	0	89.9	56.5	70	-5	0.0	0	-2.1	0	-1.62	0
Seoni	27.885	+0.41	N 3° W	2.1	73.7	62.8	85.8	-0.5	62.8	-1.1	88.8	57.7	52	-11	1.7	1	-1.9	0.45	-1.34	0.44
Nagpur	28.896	+0.52	N 10° E	2.2	76.7	65.1	90.9	+0.5	66.5	-1.6	94.3	60.8	51	-13	1.8	0	-2.8	0.03	-1.81	0.03
Pendra	27.854	+0.40	N	1.2	73.9	66.5	83.5	-1.1	62.6	-2.0	86.3	57.0	67	+3	1.3	1	-2.0	0.41	-2.02	0.41
Raipur	28.939	+0.54	N 45° W	0.6	75.5	68.1	88.1	-0.1	68.6	-0.9	91.5	61.9	67	-8	2.6	1	-2.3	0.15	-1.89	0.15
Chanda	29.264	+0.30	N 7° W	1.6	76.7	69.7	89.0	-1.0	67.1	-0.9	93.5	58.0	69	-4	3.7	0	-2.5	0.05	-1.59	0.05
Jagdalpur	28.091	..	N 15° W	1.3	73.8	69.0	85.8	..	65.2	..	88.8	55.3	78	..	4.2	6	+0.6	4.11	+0.10	1.70
XIII.—Hyderabad.																				
Aurangabad	28.022	+0.32	N 82° E	4.7	76.7	64.3	89.9	-0.2	65.2	-0.9	91.9	57.8	49	-6	3.6	2	-0.4	0.58	-1.03	0.42
Nizamabad	28.654	?	N 53° E	1.5	76.7	69.6	88.4	-0.4	66.0	-2.1	92.9	57.7	69	-3	3.5	4	+1.6	2.47	+0.82	1.76
Gulbarga	28.393	+0.32	N 73° E	2.8	75.9	67.1	91.3	+0.7	68.2	-0.8	96.0	60.7	63	-5	3.9	3	-0.4	1.67	-1.22	1.22
Raichur	28.579	+0.47	N 71° E	8.5	76.9	69.6	89.5	-0.5	74.5	+2.3	96.8	70.1	69	+2	3.4	3	-0.9	5.50	+2.42	2.52
Hyderabad (Deccan)	28.190	+0.50	S 59° E	2.6	75.5	69.2	87.0	-1.4	68.6	-0.5	91.9	62.1	72	-1	5.5	2	-2.2	2.74	-0.27	2.46
Hanamkonda	29.026	+0.54	S 45° E	2.4	79.0	71.5	89.3	-0.5	71.0	-0.1	95.0	61.7	68	-1	4.3	1	-2.1	0.58	-1.23	0.52
XIV.—Mysore.																				
Chitaldrug	27.498	+0.28	S 77° E	2.9	74.1	67.5	85.2	+0.3	67.9	0	90.4	62.2	71	-5	6.1	4	-2.7	2.16	-2.25	0.85
Hassan	26.803	+0.37	S 77° E	?	71.5	66.1	81.9	+0.2	64.9	+0.8	86.2	56.5	76	-6	7.0	12	+2.2	7.83	+0.70	2.55
Bangalore	26.907	+0.16	N 30° E	4.7	70.5	66.5	81.6	-0.3	65.0	-0.1	89.3	59.4	81	-1	7.7	10	+0.8	12.11	+5.93	2.81
Mysore	27.379	+0.06	N 47° E	3.2	73.0	68.2	83.1	-1.3	66.8	-0.1	91.1	60.9	78	-5	5.8	13	+3.6	8.98	+2.32	1.70
XV.—Madras.																				
Mangalore	29.806	+0.05	N 89° E	3.1	79.9	75.9	86.9	+1.2	74.7	+0.7	89.3	69.1	83	0	6.5	8	-2.0	4.21	-3.30	1.25
Calicut	29.841	+0.06	S 45° W	1.9	77.7	76.0	85.2	-0.9	75.3	+0.6	88.6	71.5	92	+6	7.9	7	-4.2	3.73	-6.54	1.65
Cochin	29.873	+0.14	N 87° E	2.5	79.6	75.9	85.9	-0.7	74.9	+0.2	88.6	72.0	84	0	6.8	15	+0.7	9.99	-3.29	2.29
Trivandrum	29.680	+0.15	N 33° W	2.8	76.9	74.7	82.6	-0.2	74.7	-0.3	85.2	73.2	90	+6	8.5	13	+0.8	6.35	-4.39	1.82
Pamban	29.809	+0.02	N 77° W	7.3	79.9	76.7	89.4	+1.6	77.5	+0.3	90.8	76.7	86	+4	5.5	12	+2.2	6.69	-3.25	1.70
Madura	29.394	+0.12	N 21° E	2.2	78.8	75.0	90.2	-0.9	74.2	+0.2	97.5	72.3	83	+7	7.9	14	+3.5	10.40	+2.24	1.86
Pudukkottai	29.541	+0.19	N 15° W	3.5	78.4	73.8	89.4	-1.1	74.4	0	95.3	72.0	80	-1	4.2	8	-2.0	5.66	-0.73	1.40
Negapatam	29.838	+0.26	N 66° W	5.2	78.9	75.1	86.1	-2.6	75.7	-0.5	92.9	71.3	83	+2	7.0	16	+5.7	11.99	+1.00	2.52
Trichinopoly	29.612	+0.20	N 58° W	1.7	80.1	75.6	90.5	-0.6	77.7	+0.2	96.7	71.4	81	+1	5.9	11	+1.3	9.18	+2.03	2.86

(a) Mean of 30 days.

(b) Mean of 29 days.

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TABLE B.—OCTOBER 1922—contd.

Abstract of 8 hrs. observations.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
XV—Madras—contd.																				
Coimbatore	28-527	+016	N 67° E	2.4	76.4	71.4	88.2	+0.1	70.6	0	95.9	64.3	78	-8	5.1	9	-0.8	6.09	-0.42	1.81
Solea	29-948	+018	S 82° W	2.2	75.4	72.5	88.1	-1.6	71.5	+0.1	93.9	67.7	86	+5	7.2	13	+2.8	8.31	+1.52	1.23
Cuddalore	29-833	+030	N 41° W	4.5	79.1	75.4	86.4	-2.1	75.1	+0.6	92.6	70.8	84	-2	8.0	14	+3.0	14.39	+2.62	4.06
Vellore	29-174	+036	N 45° W	2.0	77.3	74.6	88.9	-0.3	72.9	-0.1	97.0	67.0	88	+7	6.0	14	+6.1	7.11	+0.52	2.71
Madras	29-845	+026	N 41° W	3.7	79.7	75.8	87.4	-1.9	75.0	0	96.8	69.2	83	0	7.2	11	+0.3	17.67	+6.09	3.91
Cuddapah	29-457	+039	N 83° W	..	80.0	74.4	93.3	+0.7	74.4	+0.2	102.4	69.3	76	+3	6.4	6	-0.3	2.95	-2.01	1.02
Bellary	28-419	+041	N 79° E	3.4	77.3	69.8	89.7	-0.6	71.0	-0.2	96.7	64.1	67	0	6.5	6	-0.2	5.41	+1.41	1.71
Kurnool	28-959	+039	N 9° E	2.5	77.4	70.2	92.2	+1.3	72.3	+1.3	98.0	63.4	69	-3	4.8	5	+0.2	2.02	-1.13	1.12
Nellore	29-807	+035	N 7° W	2.2	80.2	75.7	89.9	-1.5	75.0	-0.8	99.1	69.2	81	+1	6.8	11	+3.2	11.45	+3.14	3.21
Masulipatam	29-877	+044	N 3° W	3.0	80.2	75.1	88.8	-0.3	74.8	-1.2	97.3	68.2	78	-5	5.0	7	-1.3	10.42	+2.47	4.50
Cocanada	29-866	+050	N 36° E	5.3	80.0	74.5	86.5	-1.6	75.1	-0.9	91.2	69.3	77	-2	6.3	7	-0.9	3.45	-4.23	1.52
Vizagapatam	29-856	+055	N 3° W	3.6	81.9	76.3	87.2	-1.0	76.7	+0.4	92.1	70.4	77	+5	7.3	6	-0.5	2.80	-3.49	6.99
Calingapatam	29-866	..	N 29° W	3.8	78.9	75.1	88.5	..	74.1	..	92.4	68.3	83	..	3.3	2	-3.3	1.72	-3.73	1.27
Gopalpur	29-844	+057	N 3° E	4.3	79.2	74.3	88.5	+0.8	73.9	-0.4	91.4	67.6	79	-3	4.5	1	-5.5	2.05	-5.81	2.03
Bay stations.																				
P. V. Fraser	29-870	..	N 3° E	..	83.0	77.9	..	..	..	..	..	..	78	..	4.5	6	+1.8	3.65	+0.06	1.42
Port Blair	29-788	-002	N 23° E	4.3	80.6	77.2	85.6	-1.0	76.4	-0.5	88.2	73.9	85	-4	6.2	13	-2.5	6.37	-4.69	1.57
Table Island	29-754	+002	N 77° E	4.7	82.5	78.1	85.6	0	77.7	+0.3	87.4	75.9	82	-3	2.2	5	-5.2	1.98	-4.60	0.76
Kashmir.																				
Muzaffarabad	27-575	..	S 20° W	1.2	59.8	55.0	82.1	..	54.7	..	90.6	51.1	73	..	1.5	2	-0.8	0.84	-1.33	0.42
Srinagar	24-974	+023	S 6° E	1.5	51.3	47.1	67.2	-2.9	40.1	-1.0	76.5	34.9	73	-13	2.8	3	+0.2	1.08	-0.09	0.40
Gulmarg	Closed	for	the	w	ter	(a)	months	..	..	..	..	..	(a)	..	..	..	..	..	..	..
Dras	20-864	+018	S 45° W	4.0	32.7	34.4	53.6	-3.8	28.1	+1.3	62.1	21.2	71	..	1.6	1	-0.6	0.22	-0.27	0.18
Leh	19-761	+004	S 67° E	0.9	36.5	34.1	55.2	-3.4	29.3	-1.6	61.9	24.5	49	..	3.6	0	-0.1	0.07	-0.03	0.04
Skardu	22-949	+020	S 84° E	3.3	45.2	38.8	64.4	-2.6	37.2	-4.1	72.7	29.8	55	-10	2.5	0	-0.4	0	-0.12	0
Gilgit	25-240	+038	S 45° W	0.2	55.6	48.2	73.3	-1.6	49.1	-3.7	80.2	43.2	60	+13	2.7	0	-0.7	0.02	-0.24	0.03
Baluchistan.																				
Fort Sandeman	25-461	..	S 45° W	0.8	56.6	46.7	81.8	..	52.4	..	90.1	44.9	44	..	1.0	0	-0.3	0.07	-0.05	0.07
Quetta	24-696	+007	Calm	1.3	45.0	39.8	76.1	+0.8	39.8	+0.9	83.7	28.5	56	+11	0.4	0	-0.3	0.01	-0.13	0.01
Chaman	25-721	-049	S 50° E	5.6	59.5	45.2	79.4	-0.5	54.7	+2.0	88.5	44.4	27	-6	0.5	0	-0.3	0.08	-0.05	0.08
Kalat	23-770	..	S 4° W	5.0	41.6	36.2	73.2	-1.3	36.3	..	81.3	26.0	48	+10	0.3	0	-0.4	0.03	-0.12	0.03
Balbandin	27-142	..	Calm.	3.4	59.4	47.6	90.1	..	51.9	..	97.7	38.0	40	..	2.2	0	-0.2	0	-0.08	0
Mirjawa	26-196	..	N 62° W	6.7	60.0	48.7	90.7	..	57.0	..	97.6	44.6	36	..	6.2	0	..	0	..	0
Pasni	29-887	..	N 54° W	6.5	70.3	67.4	88.7	..	67.1	..	97.3	60.8	87	..	3.8	0	0	0	-0.01	0
Panigur	26-780	..	N 68° E	3.4	57.5	51.3	88.2	..	55.0	..	95.7	42.8	64	..	0.5	0	-0.2	0	..	0
Seistan (c)	28-161	..	N 42° W	7.0	57.9	52.1	86.8	..	54.4	..	95.3	41.3	68	..	0.6	0	..	0	..	0
Hill stations, excluding Kashmir and Baluchistan.																				
Parachinar	24-492	+016	N	0.9	57.4	48.4	70.5	-4.1	47.4	-1.8	76.8	41.7	53	+14	1.4	3	+0.6	1.05	+0.07	0.36
Cherat	25-767	+040	N 21° W	4.6	60.4	51	72.9	-4.9	56.1	-1.6	80.8	49.1	54	+12	0.6	2	+0.7	0.53	+0.03	0.23
Drosh (c)	25-091	..	Calm	1.4	53.9	47.0	74.0	-3.1	51.7	-1.1	3.3	46.4	59	+5	1.0	1	-1.8	0.78	-0.61	0.65

(a) Mean of 9 days.
(b) " 25 "

(c) Aneroid
(d) Mean of 7 days.

(e) Mean of 30 days,
(f) " 28 "

(g) Mean of 20 days.

TABLE B.—OCTOBER 1922—concl'd.

Abstract of 8 hrs. observations.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Hill stations, excluding Kashmir and Baluchistan.—concl'd.																				
Murree	24-033	+020	N 17° E	3.1	55.0	49.5	63.0	—5.3	51.7	—1.4	70.5	45.9	69	+26	1.4	3	+0.5	0.71	—0.85	0.40
Srinia	23-161	+020	N 22° E	3.6	55.6	45.8	61.1	—1.7	50.1	—1.0	67.8	44.0	46	—2	1.2	0	—1.5	0.13	—0.79	0.09
Chakrata	23-446	?	N 68° E	7.1	57.5	49.4	68.8	+1.8	49.0	—1.4	75.0	45.4	56	—4	0.4	1	—0.4	0.32	—0.51	0.30
Mukteswar	22-876	+003	N 86° W	4.7 (m)	54.0	45.9	62.7	—3.8	48.8	—1.0	69.0	43.9	51	—5	0.3	2	+0.6	1.41	+0.07	1.14
Darjiling	23-002	+012	N 66° E	0.2	54.3	50.7	62.0	+0.7	49.0	—0.9	66.4	43.6	78	—8	4.3	0	—4.5	0.32	—4.13	0.09
Kalimpang	26-023	..	N 71° W	7.0	62.4	59.3	72.8	..	58.2	..	77.4	50.1	79	..	2.4	1	..	0.28	..	0.28
Shillong	25-202	+065	S 80° E	1.2	62.7	57.8	70.8	—0.9	54.9	+0.4	76.3	46.7	75	—4	4.2	5	—4.6	6.86	+0.47	2.00
Cherrapunji	25-707	+021	S 79° E	2.1	66.3	59.5	71.1	—0.9	60.5	0	78.0	55.3	67	—14	3.3	7	—1.7	43.57	+24.10	19.70
Netarhat . . . . .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Maymyo	26-422	+016	S 45° E	0.4	67.0	66.3	75.8	—1.0	62.2	+2.1	80.2	56.4	97	+7	6.3	13	+1.0	10.43	+2.72	1.06
Pashmarhi	26-475	+029	N 33° E	1.5	68.7	61.0	80.3	+1.7	56.6	—2.6	84.0	51.1	65	+8	0.3	1	—1.9	0.94	—0.98	0.87
Mount Abu	26-088	+028	S 36° W	2.4	71.6	58.2	77.9	—1.3	61.9	—2.6	81.0	53.9	43	—1	0.4	0	—0.8	0	—0.68	0
Mercara	26-181	+014	N 59° E	3.1	66.7	64.7	75.5	—0.5	62.3	+0.2	78.6	58.5	90	+1	9.4	11	—2.2	5.44	—3.30	2.04
Ootacamund	23-013	+023	S 54° E	2.1	58.4	55.2	65.5	+1.5	50.9	+0.4	70.5	41.7	82	+4	8.6	16	+1.1	9.80	+1.02	2.04
Kodakanal	22-766	—004	N 44° E	6.4	56.1	54.1	63.6	+1.1	50.8	—0.6	68.9	47.1	89	+5	7.9	19	+3.1	18.85	+8.10	2.06
Extra India.																				
Trincomalee	29-760	+023	S 54° W	4.3	77.1	74.4	89.6	+0.9	74.7	—0.8	97.7	72.7	88	+2	6.1	16	+4.8	18.66	+10.65	4.98
Colombo	29-852	+002	S 45° E	2.5	75.2	73.7	86.4	+0.4	73.8	—1.5	87.8	70.1	93	+9	7.3	14	—2.2	10.90	—3.84	3.53
Hambantota	29-787	..	N 50° W	7.2	75.6	73.8	86.7	+0.4	74.6	+0.2	89.1	71.7	92	..	5.0	8	..	3.23	—1.47	1.30
Minicoy	29-893	+030	N 76° W	3.5	..	..	..	..	..	..	..	..	..	..	5.1	8	—3.7	6.01	—2.63	1.64
Amni Divi	29-855	—003	N 1° E	3.5	81.5	76.4	87.0	+1.1	76.0	—0.6	90.4	73.7	78	—2	6.5	8	—0.9	4.97	—0.86	1.64
Gangtok	24-311	—160	N 45° E	1.2	58.1	54.6	71.1	+0.3	54.5	+6.1	76.1	49.5	81	—3	2.9	6	—3.1	4.45	—1.58	2.05
Kashgar (c)	25-600	—110	N 20° W	0.6	46.8	42.0	73.0	+2.4	39.6	—3.3	84.3	33.3	68	+12	1.4	0	0	0	—0.02	0
Meshed	26-031	..	S 45° E	1.2	45.4	42.3	75.6	+5.6	41.9	—0.6	84.9	32.5	(d) 76	+15	1.4	0	—1.1	0.01	—0.41	0.04
Jask	29-892	+005	N 63° E	7.3	78.9	73.5	91.8	+1.5	76.6	—0.7	99.5	72.1	76	+7	1.3	0	—0.2	0	—0.00	0
Museat	29-020	+033	N 45° W	4.3	82.0	73.4	92.5	+4.3	78.3	—2.3	96.4	73.3	65	—1	0.1	0	—0.1	0	—0.08	0
Bushire	29-911	+002	N 42° W	4.8	77.4	69.7	86.4	—1.2	71.1	—0.2	89.0	66.3	66	+1	1.0	0	—0.2	0	—0.09	0
Ispahan (c)	24-335	—110	S 82° W	0.9	53.9	47.1	80.9	+3.6	49.1	+3.2	80.4	42.2	61	+3	0	0	—0.5	0	—0.15	0
Tehran (c)	25-756	—256	N 29° E	3.5	58.1	48.4	77.3	+0.7	..	..	82.5	..	49	0	2.2	?	?	?	?	?
Baghdad (d)	29-006	+089	N 31° W	..	70.3	56.1	95.0	+2.7	61.6	—1.4	103.2	55.7	36	—16	1.6	0	—0.3	0	—0.08	0
Aden	29-838	+034	N 30° E	(e) 9.2	79.6	73.3	87.5	—2.1	76.8	—1.0	93.6	71.7	73	+3	2.8	0	—0.2	0	—0.10	0
Zanzibar	29-927	—015	S 13° E	2.3	79.0	74.4	83.1	—0.3	75.1	—0.2	86.0	73.3	80	—2	5.7	7	+1.4	4.47	+1.08	1.86

(c) Aneroid.

(d) Mean of 20 days.

× Mean of 26 days.

(m) Mean of 21 days.

(e) Mean of 29 days.

TABLE B.—NOVEMBER 1922.

Abstract of 8 hrs. observations.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
I.—Burma.																				
Victoria Point	29-729	..	N 61° E	4.5	77.2	73.9	82.6	..	74.0	..	87.8	69.2	85	..	7.8	20	+9.0	17.03	+10.47	3.41
Mergui	29-819	—020	N 74° E	4.1	76.5	73.0	85.1	—2.2	72.5	+2.1	90.8	61.5	84	+2	2.7	8	+1.9	8.63	+4.84	5.23
Tavoy	29-863	—040	N 53° E	1.9	77.4	73.0	87.2	—0.6	72.2	+2.6	91.0	58.6	80	—3	6.0	6	+2.0	3.58	+1.13	1.76
Moulmein	29-841	—013	N 61° E	2.6	73.6	73.5	88.2	—0.3	72.8	+1.2	92.3	62.0	77	—7	4.6	6	+3.2	2.45	+0.24	0.95
Rangoon	29-808	—012	N 38° E	3.3	77.2	74.1	87.8	+0.4	74.4	+1.8	91.7	67.2	86	0	7.6	3	—0.2	3.68	+0.95	1.88
Basein	29-888	—013	N 69° E	3.2	76.6	73.8	86.6	+0.6	71.9	+0.1	91.8	64.3	87	0	5.9	9	+4.9	4.17	+0.95	0.95
Diamond Island	29-840	—032	N 66° E	7.5	80.0	76.6	85.8	+0.4	75.3	—0.4	90.0	68.0	85	+7	6.0	5	—0.3	9.66	+4.63	2.35
Toungoo	29-762	—015	N 19° E	1.1	75.3	72.4	88.7	+1.8	70.4	+0.6	93.2	61.0	86	—3	4.4	6	+3.3	1.89	+0.05	1.04
Kyaukpyu	29-881	..	N 56° E	0.8	78.6	75.6	84.2 (a)	..	75.1	..	87.3	70.6	87	..	5.0	4	—0.7	7.73	+2.40	3.48
Akyab	29-882	—032	N 33° E	2.2	74.7	72.4	83.5	—0.8	71.7	+0.6	86.6	65.3	89	—1	5.7	3	—0.5	7.47	+3.39	5.97
Minbu	29-762	—037	N 42° W	3.0	75.1	71.6	86.0	—1.3	70.7	+2.2	91.3	61.9	84	+5	4.3	1	—1.5	0.73	—1.09	0.73
Yamethin	29-281	—018	..	..	73.2	71.3	84.7	—2.4	69.6	+2.4	89.1	52.4	90	+5	6.0	4	+1.2	2.39	+0.72	1.00
Mandalay	29-706	0	Calm	3.4	74.5	71.2	86.2	—1.0	70.0	+2.3	93.0	57.5	85	0	5.7	6	+3.0	7.66	+6.01	2.67
Monywa	29-696	+001	N 10° W	1.1	73.3	70.1	85.5	+0.2	69.4	+2.0	91.0	59.5	85	—3	5.9	4	+1.8	3.08	+1.31	1.76
Lashio	27-179	+005	E	0.7	61.9	61.6	75.1	—2.5	58.6	+3.6	82.6	42.0	98	+5	7.8	6	+1.4	3.31	+0.71	0.92
Bhamo	29-599	—005	N 24° E	0.3	66.2	65.1	80.7	—0.2	63.5	+3.6	87.0	52.6	94	+3	6.0	6	+3.3	3.08	+1.58	1.40
Myitkyina	29-497	—014	S 23° W	2.0	65.7	63.4	80.0	—0.2	61.6	+0.3	86.4	51.4	88	+2	5.2	4	+1.9	3.06	+2.04	1.86
II.—Assam.																				
Dibrugarh	29-633	—017	S 72° E	0.3	65.1	62.4	81.4	+2.2	59.9	0	86.3	51.5	86	—3	2.2	1	—1.4	0.55	—0.71	0.51
Sibsagar	29-659	—026	N 80° E	0.7	62.8	61.9	78.7	+0.8	59.3	—0.4 (b)	83.8	52.1	95	—2	8.3	0	—2.1	0.02	—1.08	0.02
Tezpur	29-750	+007	N 36° E	1.6	64.8	62.7	81.5	+1.2	57.4	—0.9 (b)	86.0	52.1	83	—1	2.7	2	+0.5	0.40	—0.35	0.20
Gauhati	29-798	—015	N 38° E	1.1	66.6	64.6	82.3	+0.5	61.2	+0.7	87.0	55.1	90	—3	4.4	1	0	0.10	—0.29	0.10
Dhubri	29-880	+007	N 69° E	5.3	69.3	65.4	79.1	—1.0	64.3	+1.0	84.2	56.7	80	—7	0.7	0	—0.5	0	—0.34	0
Silchar	29-862	—016	N 75° E	1.2	71.2	68.6	87.1	+2.2	65.6	+2.1	91.7	56.6	87	0	2.7	3	+1.2	1.64	+0.29	1.15
Srimangal	29-912	..	..	..	62.6	61.6	87.7	+1.3	55.4	—3.9	92.0	46.9	94	+6	2.5	2	+1.1	0.24	—0.72	0.13
III.—Bengal.																				
Cox's Bazar	29-890	..	N 50° E	0.9	75.1	71.4	84.9	..	68.5	..	89.1	59.3	83	..	3.1	2	—1.4	0.34	—4.41	0.20
Chittagong	29-845	—018	N 42° E	1.2	70.7	68.5	83.9	+0.9	66.0	+0.5	88.9	57.8	89	+1	3.8	1	—0.7	0.79	—1.07	0.75
Noakhali	29-908	—002	N 18° E	1.5	70.1	68.0	84.4	+1.7	66.2	+2.7	88.3	57.4	90	+3	3.1	1	—0.6	0.62	—1.13	0.62
Barisal	29-930	—005	N 5° W	1.9	72.2	68.2	82.6	—0.4	66.0	+1.0	85.9	58.8	80	—4	2.1	1	—0.6	0.24	—1.31	0.24
Narayanganj	29-928	—009	N 24° W	0.1	71.4	67.0	83.7	+0.3	66.0	+0.1	86.7	59.2	78	—7	2.4	1	—0.1	0.19	—0.83	0.19
Mymensingh	29-896	—010	Calm	0.2	70.7	66.4	84.1	+1.8	65.5	+1.4	87.8	58.9	79	—8	2.4	0	—0.9	0	—0.81	0
Bogra	29-910	+011	N 20° E	0.3	68.2	65.2	82.0	—0.5	62.3	—0.3	85.4	54.8	84	+1	1.8	0	—0.7	0	—0.74	0
Dinajpur	29-845	—013	N 8° E	1.2	67.2	63.2	82.1	—0.4	60.7	+0.2	85.3	53.3	79	—4	1.5	0	—0.5	0	—0.25	0
Jalpaiguri	29-701	—003	N 15° W	0.6	65.7	62.5	82.4	+0.7	60.2	—0.5	86.6	54.2	83	—1	0	0	—0.5	0	—0.22	0
Saugor Island	29-952	—001	N 25° E	6.7	72.9	68.2	82.1	+0.1	67.1	+0.1	84.5	58.9	77	—9	4.7	0	—1.4	0.09	—1.36	0.09
Midnapore	29-819	—002	N 3° W	2.3	70.7	63.0	84.1	—0.7	62.9	—0.1	87.7	55.5	65	—6	3.2	2	+0.9	0.94	+0.12	0.78
Calcutta	29-946	—006	N 11° W	2.4	69.5	64.6	83.0	+1.0	64.4	+0.1	85.7	55.8	75	—7	3.1	0	—1.1	0.09	—0.57	0.08
Joanore	29-940	+003	N 45° W	1.3	69.6	65.0	82.4	—0.8	64.3	+0.6	85.1	54.9	77	—6	0.7	0	—1.1	0.03	—1.05	0.03
Khulna	29-941	..	N 16° E	2.2	71.3	66.4	83.3	..	64.7	..	87.8	56.1	77	..	2.1	0	..	0	..	0
Batkhira	29-960	..	Calm	0	71.9	66.4	?	..	?	..	?	?	74	..	3.7	0	..	0	..	0

(a) Mean of 15 days.

(b) Mean of 14 days.

(c) Mean of 23 days.

TABLE B.—NOVEMBER 1922—*contd.**Abstract of 8 hrs. observations.*

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
III.—Bengal—<i>contd.</i>																				
Burdwan	29-867	—013	N 28° W	1-1	68-6	62-9	84-7	+1-1	63-5	—0-7	89-8	56-2	71	—3	2-3	1	0	0-25	—0-47	0-22
Asansol	29-548	..	..	..	87-9	62-2	84-1	..	58-3	..	88-0	49-3	71	..	2-3	0	—0-8	0-05	—0-54	0-05
Berhampore	29-917	+006	N 9° W	0-8	69-8	64-9	82-8	+0-6	63-5	—0-6	85-3	56-0	76	—8	2-4	0	—0-7	0	—0-62	0
IV.—Bihar and Orissa.																				
Balasore	29-923	+002	N 9° E	1-3	72-1	65-6	85-7	+1-7	63-5	+1-0	89-5	52-8	69	—11	4-5	2	+0-7	0-32	—0-95	0-17
Hukitala (False Point)	29-931	—007	N 23° E	5-6	..	..	..	..	..	..	..	..	..	..	4-3	2	—0-3	1-91	—1-19	1-51
Cuttack	29-882	—009	N 59° E	1-1	70-9	66-6	84-1	—1-1	63-5	—2-4	87-8	52-6	79	+1	3-9	2	+0-3	0-83	—0-67	0-47
Puri	29-946	+002	N 24° E	6-1	73-9	69-0	84-5	—0-3	70-7	+2-1	89-0	61-2	77	—1	4-3	2	—0-1	1-50	—1-97	0-83
Angul	29-484	—023	N 62° W	3-1	72-0	66-0	83-8	—0-7	64-3	+4-6	88-4	52-8	71	—2	4-5	1	—0-2	0-33	—0-79	0-18
Sambalpur	29-452	—051	N 8° W	2-0	67-9	63-9	82-8	—0-9	63-9	+2-0	88-0	52-9	80	+6	1-7	2	+1-0	0-80	—0-10	0-53
Chaibasa	29-214	—014	S 15° W	1-3	65-6	61-8	83-0	+0-6	59-3	+0-5	87-8	48-3	79	—3	2-5	2	+0-9	0-60	—0-17	0-35
Ranchi	27-834	+021	N 14° W	2-5	63-3	57-3	76-0	—2-0	57-2	—0-6	79-9	50-6	66	+3	3-1	3	+2-1	0-61	+0-16	0-22
Purulia	29-166	+018	N 45° W	1-6	69-6	61-0	84-3	+0-5	61-4	+0-9	89-3	52-7	58	—12	2-9	0	—1-0	0	—0-61	0
Daitonganj	29-273	+014	S 51° E	2-2	62-1	59-6	81-1	—2-1	52-1	—1-4	86-4	42-5	86	+7	1-0	1	+0-3	0-89	+0-24	0-05
Purnea	29-858	—012	S 53° W	1-2	64-2	61-9	82-1	+0-1	57-3	—1-7	85-5	49-6	88	—1	1-0	0	—0-4	0	—0-24	0
Monghyr	29-830	..	S 43° W	2-2	67-3	61-9	82-0	..	61-8	..	86-2	54-9	73	..	2-0	0	—1-0	0	—1-51	0
Darbhanga	29-834	+013	Calm	0-8	67-3	63-1	81-7	0	59-0	—2-3	85-8	51-3	78	—5	2-5	0	—0-4	0	—0-24	0
Pusa	29-802	..	S 70° W	1-1	64-5	62-1	82-2	..	59-5	..	86-5	51-8	87	..	1-8	0	—0-6	0	—0-54	0
Patna	29-816	+015	S 77° W	1-7	69-1	62-7	81-4	—0-5	62-2	+1-5	85-9	54-7	68	—3	2-0	0	—0-5	0-02	—0-30	0-02
Buxar	29-753	+006	S 63° W	2-2	64-2	59-7	83-4	—0-8	59-3	—0-4	89-5	50-6	75	+8	2-3	0	—0-5	0-04	—0-40	0-04
Gaya	29-626	+010	S 68° W	0-9	68-4	61-0	81-9	—1-5	60-6	+1-1	85-9	52-8	63	—8	1-5	0	—0-7	0-08	—0-43	0-08
Naya Dumka	29-468	—014	N 18° W	1-1	68-9	62-3	82-7	+0-6	69-3	—0-6	85-8	50-1	67	—7	1-8	1	+0-3	0-15	—0-30	0-12
V.—United Provinces of Agra and Oudh.																				
Gorakhpur	29-744	+021	N 12° W	0	65-5	61-3	81-2	—0-7	57-6	—0-2	85-3	50-8	77	+1	0-7	0	—0-4	0	—0-19	0
Benares	29-734	+012	S 58° W	0-7	67-3	60-7	82-7	—0-1	56-7	+1-2	89-6	47-9	67	—8	1-6	0	—0-7	0-04	—0-30	0-04
Allahabad	29-707	+027	N 88° W	1-4	65-4	59-4	83-7	+0-2	56-5	+1-3	91-9	47-8	68	—1	1-9	0	—0-6	0	—0-36	0
Cawnpore	29-588	+022	S 62° W	1-2	61-8	56-2	81-1	—2-1	56-2	+0-1	87-8	49-5	60	—8	1-0	0	—0-4	0	—0-39	0
Lucknow	29-920	+005	W	1-0	62-2	56-7	84-0	+0-2	55-2	+2-1	92-9	48-0	70	—2	1-2	0	—0-4	0	—0-21	0
Batnaich	29-577	+009	S 83° W	1-0	63-7	59-0	81-5	—2-0	55-8	—0-7	87-4	49-5	74	—3	1-2	0	—0-7	0	—0-33	0
Jhansi	29-176	+004	S 57° W	2-5	66-1	56-9	84-7	—1-1	55-5	—3-9	94-4	47-4	53	+1	1-8	0	—0-4	0	—0-14	0
Agra	29-443	+012	S 72° W	0-6	65-6	56-5	83-9	—0-8	56-7	+0-1	92-5	50-0	54	—3	0-8	0	—0-3	0	—0-13	0
Mainpuri	29-472	+006	N 60° W	0-1	61-4	55-6	83-8	—1-0	53-2	—1-0	91-7	46-4	68	+1	0-9	0	—0-3	0	—0-21	0
Bareilly	29-397	—007	N 11° W	1-3	60-3	56-8	78-1	—3-5	54-2	+1-0	84-8	46-7	79	+3	0-7	0	—0-4	0	—0-26	0
Boorkee	29-077	+010	Calm	0-4	53-1	50-8	78-8	—1-7	48-1	—1-7	84-3	42-0	85	+8	0-6	0	—0-6	0	—0-28	0
VI.—Punjab.																				
Dehli	29-275	+016	N 79° W	0-9	62-0	53-4	79-7	—3-2	(a) 51-9	(a) —1-7	87-2	43-6	53	—1	0-6	0	—0-4	0	—0-13	0
Hissar	29-265	+006	S 31° W	2-5	56-0	49-3	84-3	—0-8	49-7	—0-6	93-5	43-1	60	0	0-9	0	—0-1	0	—0-03	0
Patiala	29-158	+001	N 63° E	1-7	57-4	51-7	80-7	—1-4	50-3	—1-6	87-4	45-0	67	+2	0-3	0	—0-4	0	—0-19	0
Ambala	29-069	—007	N 60° E	1-8	56-3	50-7	82-0	—0-5	48-9	—1-4	88-6	43-4	65	—9	0-7	0	—0-5	0	—0-29	0
Ludhiana	29-167	+006	W	0-7	54-6	49-7	82-4	+1-5	49-6	—2-0	89-7	43-8	69	+5	0-1	0	—0-3	0	—0-13	0

(a) Mean of 10 days.

(b) Mean of 23 days.

TABLE B.—NOVEMBER 1922—*contd.**Abstract of 8 hrs. observations.*

STATION,	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
VI.—Punjab—<i>contd.</i>																				
Lahore	29.281	+003	N 67° E	0.4	54.1	50.4	81.4	—2.5	49.1	+0.9	89.8	44.0	75	+4	0.6	0	—0.2	0	—0.08	0
Sialkot	29.157	+009	N 65° E	0.7	57.0	52.3	79.2	—2.2	46.8	—3.5	86.7	40.3	73	+7	0.4	0	—0.3	0	—0.12	0
Rawalpindi	28.322	+011	N 50° E	1.0	50.8	45.6	77.4	—0.5	44.7	+0.1	84.7	37.1	65	+1	0	0	—0.5	0	—0.29	0
Khushab	29.405	+017	N 55° E	1.8	58.0	50.5	83.2	—0.4	49.1	—2.2	90.6	42.4	59	+9	0.7	0	—0.2	0	—0.10	0
Lyallpur	29.377	..	S 16° E	1.2	55.7	50.7	82.5	..	48.9	..	90.9	43.9	69	..	1.3	0	—0.2	0	—0.09	0
Montgomery	29.444	+008	S 38° E	0.8	60.4	53.3	83.1	—1.7	51.7	—0.3	92.6	43.6	60	+9	0.2	0	—0.2	0	—0.07	0
Multan	29.374	+004	S 56° E	0.5	60.3	53.2	84.3	—0.5	53.7	+2.2	93.7	51.2	60	0	0.3	0	—0.2	0	—0.08	0
VII.—North-West Frontier Province.																				
Peshawar	28.904	+003	Calm	0.1	49.9	46.2	76.5	—0.8	45.5	—0.6	84.4	39.9	74	+8	0.3	0	—0.6	0	—0.31	0
Dera Ismail Khan	29.449	+025	N	0.3	57.4	48.6	80.4	—2.2	49.9	+1.7	88.5	45.1	48	—18	0.3	0	—0.4	0	—0.18	0
VIII.—Sind.																				
Jacobabad	29.829	+015	N 18° E	0.3	62.0	52.5	83.4	—4.4	51.4	—0.4	92.3	46.4	50	—7	0.2	0	—0.1	0	—0.08	0
Hyderabad	29.892	—002	N 25° W	2.8	66.7	56.5	89.5	+0.4	58.7	—0.2	99.5	51.0	50	—2	0.7	0	—0.1	0	—0.07	0
Karachi	29.980	—009	N 29° E	4.5	70.8	62.1	85.8	+1.5	65.7	—1.0	90.7	60.8	59	—7	1.4	0	—0.1	0	—0.05	0
IX.—Rajputana.																				
Bikaner	29.215	+006	S 28° E	2.6	65.8	52.5	87.4	+2.0	56.1	—3.2	96.0	47.5	35	—14	0.8	0	—0.1	0	—0.05	0
Jodhpur	29.206	+001	N 52° E	1.4	67.3	52.0	89.0	—0.7	58.9	+0.4	96.0	51.3	28	—10	0.8	0	—0.2	0	—0.12	0
Jaipur	28.566	+008	N 56° E	2.1	64.0	53.4	84.4	—2.1	54.3	—1.4	93.5	46.6	47	—4	1.0	1	+0.7	0.51	+0.36	0.51
Ajmer	28.366	—015	Calm	0.8	54.2	47.7	83.3	—1.1	52.8	+0.4	91.4	45.4	60	—3	0.5	0	—0.4	0	—0.18	0
Kotah	29.143	—012	N 45° E	1.1	68.7	57.9	86.0	—2.2	59.5	—0.7	94.6	52.6	49	+2	1.1	0	—0.3	0	—0.08	0
X.—Bombay.																				
Deesa	29.517	+005	N 98° E	3.4	68.9	57.0	92.3	0	57.2	—0.7	99.0	48.9	43	+2	1.0	0	—0.2	0	—0.11	0
Bhuj	29.037	—007	N 81° E	3.1	74.5	63.5	89.2	—0.5	59.0	—4.0	95.6	49.3	52	—6	0.6	0	—0.2	0	—0.09	0
Jamnagar . . . . .	..	..	N 48° E	6.7	74.2	64.6	89.1	—0.9	..	..	95.8	..	56	+2	0.3	0	—0.1	0	—0.01	0
Dwarka	29.935	—019	N 42° E	0.2	73.5	66.7	87.0	+1.4	68.5	+0.4	94.8	62.2	68	—3	1.4	0	0	0	—0.01	0
Rajkot	29.515	—023	N 44° E	3.4	71.8	60.0	90.5	—0.3	60.6	+1.0	98.1	53.0	46	—4	1.3	0	—0.3	0	—0.21	0
Veraval	29.923	—017	N 33° E	4.5	75.9	63.4	89.9	+1.1	69.4	+1.9	96.1	62.6	47	—7	1.6	0	—0.1	0	—0.23	0
Bhavnagar Patra	29.917	—003	N 65° W	2.9	71.4	60.3	89.5	—1.7	61.8	—0.7	96.2	49.7	49	—5	2.3	0	—0.2	0.05	—0.11	0.04
Surat	29.905	—021	N 78° E	1.8	74.2	64.3	90.5	—0.9	66.9	+3.4	96.9	55.6	56	—4	2.6	1	+0.7	0.13	—0.09	0.13
Ahmadabad	29.824	+005	N 73° E	3.2	72.5	61.8	91.1	—1.8	65.3	—0.2	98.8	57.7	51	+5	0.7	0	—0.3	0	—0.13	0
Bombay	29.870	—038	N 84° E	5.9	77.5	71.6	88.6	+1.4	75.2	+1.7	92.2	68.3	73	0	2.6	0	—0.7	0	—0.44	0
Ratnagiri	29.674	—037	S 80° E	5.6	79.6	70.2	89.6	—1.0	72.6	+2.6	96.7	63.9	61	+3	2.0	3	+2.1	2.47	+1.74	1.17
Marmagao	29.821	—031	S 53° E	4.7	75.7	72.1	84.2	—2.5	73.8	+0.8	88.2	67.0	83	+3	4.6	6	+4.2	4.62	+3.63	2.00
Karwar	29.841	—027	N	1.1	74.0	70.6	86.7	—0.9	71.3	+1.8	90.9	60.5	83	+2	0.9	6	+3.5	3.28	+1.55	0.82
Malegaon	28.509	—024	S 61° E	2.3	69.7	64.6	84.6	—2.9	59.6	+2.7	93.6	46.3	63	+12	4.0	2	+1.0	0.73	+0.13	0.55
Ahmadnagar	27.784	—032	N 58° W	3.8	69.3	63.2	80.6	—4.9	61.4	+4.6	89.3	50.9	72	+16	4.9	7	+5.8	10.08	+9.46	4.05
Poona	28.081	—028	N 52° E	2.4	67.8	63.4	82.6	—4.1	61.5	+2.7	89.6	47.9	78	+17	4.8	5	+3.4	6.60	+5.72	2.47
Sholapur	28.321	—035	N 75° E	7.2	72.4	65.4	85.1	—2.5	65.6	+3.5	92.7	51.0	69	+18	2.5	5	+3.7	3.10	+2.23	1.15
Bijapur	27.966	—028	N 76° E	3.3	70.7	66.0	82.2	—4.1	65.4	+4.3	89.7	52.5	78	+13	6.9	9	+7.4	9.61	+8.76	4.45
Belgaum	27.856	—031	N 58° E	3.2	68.7	63.8	81.4	—1.0	64.1	+3.0	87.0	54.2	76	+14	5.4	7	+4.9	4.06	+2.66	1.67

(a) Mean of 15 days.

(b) Mean of 26 days.

(c) Mean of 29 days.

TABLE B.—NOVEMBER 1922—contd.

Abstract of 8 hrs. observations.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
XI.—Central India.																				
Neemuch	28.353	—010	E	1.3 (a)	72.1	61.3	83.4	—1.5	53.9	+1.1	90.8	46.6	53	+5	1.8	0	—0.3	0	—0.17	0
Indore	28.137	—014	S 86° E	1.5	67.9	60.6	81.7	—2.0	56.4	+2.1	89.8	44.1	65	+10	2.1	4	+3.3	2.61	+2.19	0.90
Nowgong	29.235	+006	S 18° W	0.6	61.4	55.8	81.1	—1.2	53.4	+0.4	87.7	43.9	69	—1	2.4	0	—0.7	0	—0.37	0
Satna	28.028	+001	S 60° E	0.7	62.3	57.0	79.5	—1.9	56.1	+2.0	86.8	46.8	72	+8	1.8	1	+0.3	0.58	+0.23	0.54
XII.—Central Provinces.																				
Buldana . . . . .	..	..	N 75° E	3.0	69.5	61.2	78.9	—3.4	62.1	+0.2	87.9	54.9	63	..	4.9	5	+4.0	2.11	+1.52	0.66
Akola	29.036	—013	N 74° E	2.5	69.4	62.2	84.5	—3.1	61.3	+4.2	94.3	48.0	66	+10	4.7	5	+4.2	2.12	+1.68	0.62
Amraoti	28.728	—025	N 73° E	4.4	71.0	61.1	83.5	—3.9	63.6	+1.9	90.8	54.1	55	+6	3.9	4	+3.0	1.52	+0.98	0.79
Khandwa	28.911	—015	N 80° E	2.8	67.3	60.8	85.6	—1.9	57.7	+1.7	94.0	47.1	67	+12	3.5	2	+1.2	0.50	+0.09	0.26
Moshangabad	28.977	—007	N 53° E	2.1	63.6	58.8	82.4	—1.9	58.0	+1.3	90.9	47.0	74	+9	2.7	4	+3.3	2.47	+1.90	1.45
Saugor	28.126	—045	S 47° E	2.9	64.5	55.5	81.4	—0.8	58.7	+0.9	90.2	50.6	56	+7	2.1	2	+1.3	0.87	+0.38	0.44
Jubbulpore	28.619	—023	S 54° E	1.1	62.7	58.0	79.6	—2.4	57.0	+4.5	86.5	46.3	74	+1	2.9	3	+2.1	1.66	+1.03	0.90
Seoni	27.925	—010	N 33° E	2.9	65.7	58.3	77.9	—3.8	57.8	+2.7	85.8	48.3	64	+4	3.6	4	+3.1	3.45	+2.88	1.18
Nagpur	28.945	—006	N 64° E	3.0	69.3	60.4	83.2	—2.2	62.2	+2.6	90.6	52.4	57	—2	4.0	2	+1.0	1.99	+1.29	1.35
Pendra	27.904	—028	N 18° W	1.9	66.1	60.1	76.9	—2.6	56.7	+1.5	83.3	47.4	70	+14	3.1	4	+3.1	2.90	+2.40	1.55
Raipur	28.984	—011	N 6° E	1.5	68.7	61.9	82.4	—0.8	62.5	+2.3	87.2	51.1	67	+2	3.3	3	+2.1	1.04	+0.65	0.56
Chanda	29.310	—035	N 15° W	2.1	70.4	65.7	83.2	—2.2	63.3	+4.9	90.7	49.4	77	+6	5.1	5	+3.7	2.37	+1.65	1.10
Jagdalpur	28.117	..	N 67° E	1.4	68.9	65.2	81.1	..	62.6	..	87.6	48.3	81	..	5.7	3	+2.0	2.02	+1.48	0.90
XIII.—Hyderabad.																				
Aurangabad	28.044	—032	S 87° E	5.0	69.7	61.4	82.1	—4.6	61.5	+3.0	91.6	51.8	63	+15	5.0	6	+5.2	5.69	+5.06	2.58
Nizamabad	28.678	?	N 51° E	1.6	70.8	66.3	82.5	—2.5	?	?	85.9	?	79	+10	5.1	4	+3.2	1.38	+0.77	0.39
Gulbarga	28.404	—038	N 68° E	6.1	71.9	65.6	85.2	—2.2	65.7	+3.2	93.0	53.9	71	+8	4.4	4	+2.7	2.79	+2.07	1.85
Raichur	28.580	—025	N 75° E	7.1	73.1	67.4	85.5	—1.0	70.9	+3.7	90.8	63.2	74	+10	3.5	6	+4.4	1.59	+0.84	0.54
Hyderabad (Deccan)	28.208	—021	S 87° E	3.2	71.3	66.7	82.1	—2.6	66.1	+3.9	86.8	53.4	78	+9	6.2	4	+2.0	0.86	+0.04	0.31
Hanamkonda	29.048	—026	N 12° E	2.5	73.5	68.0	83.8	—1.9	68.1	+4.1	89.6	56.0	74	+11	5.9	4	+2.9	2.96	+2.29	0.96
XIV.—Mysore.																				
Chitaldrug	27.499	—027	N 88° E	2.6	70.5	66.5	80.9	—2.0	66.3	+2.2	89.0	57.8	81	+12	6.4	8	+4.8	9.45	+7.68	2.43
Hassan	26.787	—024	N 78° E	?	69.6	65.2	79.3	—1.0	63.1	+3.1	82.2	52.1	79	+3	6.7	7	+2.7	4.58	+1.95	1.20
Bangalore	26.902	—037	N 72° E	4.6	68.3	63.1	79.0	—0.6	63.5	+1.6	83.5	51.9	84	+6	7.7	10	+5.6	5.27	+2.61	1.40
Mysore	27.375	—044	N 54° E	2.2	71.8	67.3	80.8	—1.8	65.7	+1.7	84.1	55.1	79	+2	5.9	7	+3.7	4.26	+2.05	1.45
XV.—Madras.																				
Mangalore	29.802	—034	N 85° E	3.8	79.6	74.4	87.5	—0.6	73.8	+1.3	93.1	66.1	78	+5	4.5	8	+3.8	2.96	+0.11	0.60
Calicut	29.837	—030	E	1.9	76.6	74.7	85.0	—2.1	74.1	+0.6	88.4	67.1	91	+9	7.0	9	+3.1	9.10	+4.28	4.88
Cochin	29.869	—016	S 86° E	3.7	79.0	75.2	86.3	—2.4	74.5	+0.1	90.9	69.4	83	+3	6.3	12	+3.7	12.21	+6.04	4.23
Trivandrum	29.674	—015	N 43° W	2.5	75.9	74.3	80.9	—1.7	73.9	—0.2	83.8	70.6	92	+7	7.5	13	+3.7	22.36	+15.99	6.40
Pamban	29.810	—045	N 49° W	8.3	79.5	76.8	88.6	+3.7	77.5	+1.8	90.3	76.1	88	+3	4.8	13	+0.7	9.41	—1.77	2.94
Madura	29.396	—044	N 7° W	2.3	77.3	74.0	87.3	—0.1	73.3	+0.9	91.1	65.9	85	+8	7.4	11	+3.6	8.41	+3.61	1.55
Pudukkottai	29.549	—043	N 1° W	2.9	77.2	73.4	86.4	—0.1	72.9	+1.9	93.0	65.0	83	+3	6.1	18	+9.5	7.88	+2.29	1.39
Negapatnam	29.840	—027	N 40° W	6.3	78.3	74.4	83.7	—0.8	74.7	+0.4	89.4	66.7	83	+1	6.4	14	+1.9	8.56	—7.28	1.31
Trichinopoly	29.615	—039	N 6° W	2.1	78.1	74.5	88.0	+0.7	72.6	+0.7	92.3	64.4	84	+5	5.7	12	+4.0	12.10	+7.01	2.43

(a) = Mean of 26 days.

TABLE B.—NOVEMBER 1922—*contd.**Abstract of 8 hrs. observations.*

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32" and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
XV.—Madras—<i>contd.</i>																				
Coimbatore	28-527	—037	N 37° E	2-0	74-6	69-9	84-8	—1-2	69-6	+0-8	88-7	61-8	79	—6	5-3	10	+3-4	3-19	—0-24	0-82
Salem	28-946	—042	S 33° W	1-9	74-2	71-5	85-8	—1-7	70-1	+1-4	90-1	60-5	87	+9	6-3	15	+9-2	17-98	+14-40	4-32
Cuddalore	29-835	—038	N 27° W	4-5	77-8	74-6	84-1	—0-9	73-8	+1-8	92-3	64-2	86	—1	7-2	15	+4-3	24-72	+11-43	6-87
Vellore	29-174	—040	Calm.	1-4	74-3	72-6	84-1	—0-4	70-7	+2-0	91-8	62-0	92	+8	6-3	17	+9-1	13-63	+7-48	3-57
Madras	29-852	—045	N 3° E	4-3	77-9	75-1	83-7	—1-5	73-7	+1-5	87-8	65-0	87	+4	7-6	19	+7-8	32-83	+19-53	9-30
Cuddapah	29-467	—036	N 8° E	..	75-6	72-3	93-1	+4-4	71-0	+1-8	101-6	60-0	85	+10	6-9	16	+10-8	13-56	+10-09	2-80
Bellary	28-425	—027	N 65° E	3-2	73-6	68-2	85-1	—2-3	68-3	+2-6	91-1	58-5	75	+10	6-0	7	+3-9	6-35	+4-51	3-66
Kurnool	28-972	—033	N 31° E	1-9	74-5	68-8	87-2	—1-0	69-9	+5-7	92-3	54-2	74	+2	5-1	2	—0-2	1-58	+0-47	1-18
Nellore	29-814	—040	N 19° E	2-7	76-6	74-0	84-0	—2-1	72-6	+1-1	88-6	63-9	88	+5	8-1	18	+10-1	17-35	+7-45	3-90
Masulipatam . . .	29-890	—044	N 39° E	3-5	76-4	72-2	83-4	—2-1	71-9	—0-2	88-1	64-1	81	+1	6-6	13	+8-7	17-63	+12-48	7-06
Cocanada	29-886	—034	N 38° E	9-4	76-3	72-0	82-0	—0-9	72-7	+2-0	86-3	62-9	80	+6	6-3	9	+4-8	9-25	+4-28	3-37
Waltair (Vizagapatam)	29-892	—019	N 37° E	5-9	78-8	72-2	83-9	—0-5	74-4	+2-1	87-4	68-0	72	+9	7-3	7	+3-5	8-69	+5-40	4-14
Calingapatam . . .	29-914	..	N 7° E	6-1	75-5 (b)	71-1 (b)	84-5 (b)	.. (b)	70-0 (b)	.. (b)	90-0	57-5	80 (b)	..	3-8	5	+3-2	3-83	+1-29	1-36
Gopalpur	29-903	—005	N 6° E	5-5	76-0	70-5	86-2	+2-5	70-3	+3-5	89-2	60-4	75	—3	4-2	3	+0-1	2-08	—1-81	1-10
Bay Stations.																				
P. V. Fraser	29-025	..	N 18° E	..	76-8	71-0	..	..	..	..	..	..	74	..	(g) 3-5	1	—0-7	1-40	—0-46	1-40
Port Blair	29-783	—040	N 64° E	7-3	80-0	76-6	84-2	—2-4	75-8	—1-2	87-2	73-5	85	0	5-9	19	+7-0	21-30	+11-86	3-13
Table Island	29-764	—028	N 62° E	5-0	81-1	76-7	84-5	—0-9	76-7	—0-8	86-8	71-9	81	+1	2-4	12	+5-4	8-84	+3-25	2-60
Kashmir.																				
Muzaffarabad . . .	27-636	..	S 18° E	0-8	47-5	44-4 (c)	77-4	..	44-7	..	85-1	40-1	78 (c)	..	1-3	1	—1-0	0-60	—0-28	0-60
Srinagar	25-007	+005	S 17° E	1-7	40-7	37-1	62-0	+0-7	27-8	—4-4	70-8	22-5	64	—23	1-5	0	—1-4	0	—0-48	0
Gulmarg . . . . .	..	..	..	..	..	Closed	for the winter months.	..	..	..	..	..	..	..	..	..	..	..	..	..
Dras	20-886	+020	W	2-4	18-7	..	43-3	—1-0	16-3	+0-4	54-4	10-2	..	..	1-4	0	—1-1	0	—0-46	0
Leh	19-760	—005	Calm.	1-0	25-5	..	46-8	—0-9	20-2	—0-5	55-8	14-8	..	..	2-1	0	—0-2	0	—0-03	0
Skardu	23-012	+009	N	1-7	29-8	..	53-9	—0-9	25-0	—5-2	63-5	18-3	..	..	1-9	0	—0-2	0	—0-07	0
Gilgit	25-303	+016	Calm.	0-2	44-9	37-8	64-0	+0-7	39-0	—3-8	73-2	34-6	50	+4	1-7	0	—0-2	0	—0-05	0
Baluchistan.																				
Fort Sandeman . . .	25-506	..	S 63° E	0-7	43-0	35-2	73-7	..	40-8	..	81-8	33-9	(d) 35	..	0-4	0	—0-7	0	—0-28	0
Quetta	24-740	+004	Calm	1-1	32-6	..	66-7	+0-9	30-5	—2-7	74-1	24-7	..	..	0-4	0	—1-0	0	—0-35	0
Chaman	25-785	0	S 71° E	5-0	46-8	(f) 37-0	69-2	+1-8	44-2	+1-5	77-4	36-5	(f) 33	—12	0-9	0	—1-1	0	—0-34	0
Kalat	23-789	..	S 12° W	3-8	29-5	..	64-9	—2-3	26-3	..	71-8	21-5	..	..	0	0	—1-2	0	—0-40	0
Dalbandin	27-244	..	N 45° E	2-6	47-5	40-2	78-3	..	46-3	..	87-1	35-0	49	..	1-8	0	—0-6	0	—0-24	0
Mirjawa	27-297	..	N 55° W	5-4	48-6	41-4	80-5	..	46-5	..	88-2	42-9	52	..	0	0	..	0	..	0
Pasni	29-068	..	N 44° W	5-0	64-1	56-7	86-1	..	60-3	..	92-7	57-0	62	..	0-7	0	—0-4	0	—0-09	0
Panjgur	26-844	..	N 63° E	4-4	46-3	40-7	78-2	..	44-2	..	88-5	40-2	59	..	0-1	0	..	0	..	0
Seistan (c)	28-293	..	N 45° W	5-2	45-9	41-3	74-2	..	42-3	..	84-3	34-8	66	..	0-9	0	..	0	..	0
Hill stations, excluding Kashmir and Baluchistan.																				
Parachinar	24-516	—001	N 11° E	0-7	49-1	40-1	65-1	—0-5	39-5	—1-5	71-8	33-1	44	0	1-0	0	—1-7	0-13	—0-47	0-07
Gherat	25-797	+006	N	4-4	53-8	44-1	66-3	—0-7	49-4	—0-5	72-7	44-1	44	+1	0-1	0	—0-7	0-03	—0-21	0-03
Drosh (c)	25-130	..	S 45° E	0-5	46-7	39-8	66-1	+0-5	44-7	+0-3	77-1	38-4	50	+1	1-8	0	—1-4	0	—0-88	0

(a) Mean of 23 days.
(b) Mean of 22 days.(c) Mean of 24 days.
(d) Mean of 21 days.(e) Aneroid.
(f) Mean of 29 days.(g) Mean of 27 days.
(h) Mean of 26 days.

TABLE B.—NOVEMBER 1922—concl'd.

Abstract of 8 hrs. observations.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Highest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Hill stations, excluding Kashmir and Baluchistan—concl'd.																				
Murree	24-045	+005	N 15° W	2-4	51-0	40-9	58-2	-2-6	47-9	+2-4	63-7	44-4	41	+3	1-0	1	-0-2	0-84	0	0-84
Simla	23-153	+007	S 12° W	3-5	49-5	39-7	56-2	+0-1	44-8	-0-1	59-1	40-1	40	-1	0-6	0	-1-1	0	-0-54	0
Chakrata	23-448	?	N 74° E	6-8	51-4	42-8	62-8	+1-9	44-7	+0-8	66-9	39-8	49	-2	0-5	0	-0-9	0	-0-61	0
Mukteswar	22-876	-009	S 83° E	3-7	48-9	39-3	58-0	-2-4	43-8	+0-7	62-2	39-9	42	-5	1-0	2	+1-3	0-22	-0-23	0-12
Darjiling	23-006	+004	S 84° E	(a) 1-9	48-0	43-4	57-1	+2-0	43-7	+1-0	62-4	40-0	71	-6	2-9	0	-1-2	0	-0-90	0
Katmpong	26-059	..	N 69° W	6-8	57-0	52-2	68-5	..	52-4	..	75-6	49-0	73	..	0-7	0	..	0-02	..	0-02
Shillong	25-219	+037	S 41° E	1-0	57-7	52-9	67-7	+1-0	49-1	+2-8	71-9	42-7	76	-2	3-1	1	-1-6	0-21	-1-34	0-21
Cherrapunji	25-726	-005	N 62° E	1-5	62-8	54-7	69-5	+1-8	56-1	+2-1	78-6	50-3	59	-11	1-5	0	-1-5	0	-2-85	0
Netarhat . . . . .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Maymyo	26-452	-009	S 45° E	0-8	61-2	60-7	72-0	-1-5	56-8	+4-6	77-2	43-8	98	+9	6-0	7	+1-9	8-95	+5-88	2-80
Pachmarhi	26-495	-020	N 86° E	1-7	62-3	56-5	73-2	-0-6	52-5	+2-0	80-5	42-6	71	+13	2-4	4	+2-9	1-35	+0-67	0-72
Mount Abu	26-108	-014	N 61° E	2-0	66-3	52-9	72-8	-0-9	57-0	-1-3	79-4	52-4	39	-1	1-2	0	-0-3	0	-0-21	0
Mercara	26-174	-025	N 58° E	3-9	65-4	63-3	74-5	-1-5	60-8	+0-6	78-2	51-2	89	+6	8-8	6	+1-0	3-72	+0-88	0-98
Ootacamund	23-001	-009	S 73° E	1-9	57-6	54-1	65-3	+2-0	48-9	+1-3	69-0	87-7	82	+7	6-8	14	+5-1	7-04	+2-41	1-08
Kodaikanal	22-754	-036	N 50° W	6-4	55-9	52-9	62-2	+1-2	50-2	+1-3	67-9	43-7	84	+4	6-9	17	+6-2	14-65	+7-29	2-06
Extra India.																				
Tincomalee	29-755	-024	S 47° W	4-9	76-5	74-0	85-8	+0-4	74-1	-0-5	90-8	67-8	88	0	5-8	15	+1-2	12-15	-2-22	2-22
Colombo	29-841	-025	N 15° E	2-9	75-1	73-6	84-7	-1-9	73-6	-0-5	87-0	68-8	93	+10	6-7	17	+4-1	21-44	+8-70	5-78
Hambantota	29-782	..	N 58° W	6-3	75-1	74-0	85-1	-0-4	74-2	+0-7	90-6	72-1	94	..	5-5	14	..	8-37	+1-69	2-68
Minicoy	29-898	+014	N 63° W	5-4	..	..	..	..	..	..	..	..	..	..	5-6	12	+4-9	8-27	+2-72	1-83
Amini Divi	29-855	-032	N 22° W	4-7	82-8	76-2	88-3	+2-3	76-2	+0-8	91-6	70-3	73	-2	4-5	4	+0-3	1-08	-1-08	0-32
Gangtok	24-329	-200	N 24° E	1-3	52-7	47-9	67-1	+2-4	49-2	+8-4	71-1	44-7	72	-5	2-6	2	-2-1	0-44	-1-76	0-20
Kashgar (c)	25-740	-010	Calm	0-2	30-2	..	54-7	+1-2	26-5	-2-5	66-3	22-3	..	..	1-4	0	0	0	-0-01	0
Mashed	26-095	..	S 45° E	1-1	36-6	(b) 36-4	65-3	+3-0	34-7	-0-6	77-9	29-0	(b) 84	+11	2-7	1	-0-6	1-14	+0-54	1-12
Jask	29-992	-015	N 5° E	6-9	71-1	65-9	86-2	+2-8	69-4	+0-4	92-5	62-9	75	+3	0-9	0	-0-6	0	-0-32	0
Muscat	30-029	+028	N 73° W	4-1	75-1	67-3	86-9	+4-4	72-0	-3-2	91-3	68-8	65	-1	0-6	0	-0-9	0	-0-89	0
Bushire	30-007	+005	N 31° W	4-1	68-5	61-8	81-1	+3-2	64-4	+2-1	84-1	60-0	67	-9	3-3	0	-2-6	0	-1-59	0
Ispahan (c)	24-325	+010	Calm	0-7	42-7	38-2	68-8	+5-0	41-0	+4-4	75-4	37-2	66	-4	1-1	0	-1-5	0	-0-64	0
Tehran (c)	25-796	-096	N 30° E	3-1	50-9	44-4	65-5	+2-7	..	..	72-5	..	59	-5	5-1	0	-2-8	0	-0-95	0
Baghdad	29-987	+031	N 1° W	..	59-0	51-1	80-7	+5-6	53-7	+3-2	91-9	48-1	56	-11	5-5	0	-1-5	0-07	-0-69	0-06
Aden	29-882	+001	N 41° E	8-8	75-9	67-4	84-5	-0-5	73-2	-1-6	92-2	68-5	63	-9	3-4	0	-0-2	0	-0-09	0
Zanzibar	29-881	-011	S 29° E	1-4	80-6	76-2	84-1	-0-1	77-0	-0-2	86-9	74-7	81	-1	6-5	12	+0-8	14-36	+6-82	3-23

(b) Mean of 22 days.
(c) Aneroid.

(a) Mean of 15 days.

TABLE B.—DECEMBER 1922.

Abstract of 8 hrs. observations.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
I.—Burma.																				
Victoria Point . . .	29-739	..	N 78° E	5-8	76-6	72-0	84-5	..	73-6	..	88-7	70-4	77	..	6-5	1	-3-8	0-30	-1-77	0-30
Merqui . . .	29-843	-024	N 63° E	3-7	74-2	69-1	84-6	-2-4	70-5	+3-2	89-6	64-0	76	-1	1-0	4	+2-8	3-07	+2-66	1-27
Tavoy . . .	29-893	-040	E	1-4	73-1	69-3	86-9	-0-8	68-2	+3-1	89-8	58-3	82	-1	3-4	0	-0-4	0	-0-24	0
Moulmein . . .	29-873	-021	N 59° E	2-5	74-9	69-0	87-2	-0-1	68-4	+1-4	90-6	60-0	73	-10	3-3	0	-0-3	0	-0-21	0
Rangoon . . .	29-931	-022	N 27° E	3-7	71-8	67-3	86-8	-0-3	68-9	+1-6	91-8	60-8	78	-5	5-0	1	+0-5	0-61	+0-25	0-54
Bassein . . .	29-930	-017	N 43° E	3-4	69-9	66-9	84-1	-0-2	64-5	-0-9	87-8	54-8	85	-1	4-6	2	+1-4	3-64	+3-25	3-38
Diamond Island . . .	29-876	-044	N 39° E	10-2	76-4	71-8	82-7	-0-9	72-7	+0-2	85-7	68-0	79	+5	4-8	4	+3-2	2-43	+1-59	0-89
Toungoo . . .	29-796	-031	N 23° E	1-3	66-5	64-1	83-5	+0-3	61-8	+0-2	90-0	51-7	87	-2	3-1	2	+1-5	0-42	0	0-25
Kyaukpada . . .	29-935	..	N 49° E	0-8	71-7	68-8	78-2	..	66-7	..	84-8	69-6	86	..	2-5	3	+2-4	3-51	+3-22	2-22
Akyab . . .	29-937	-032	N 23° E	2-3	65-9	63-7	78-0	-3-1	62-5	-1-0	83-1	55-7	88	-2	2-9	2	+1-2	4-13	+3-43	2-58
Minba . . .	29-806	-045	N 48° W	2-5	65-7	62-4	79-4	-3-5	61-0	+0-5	84-3	52-7	82	+4	1-9	3	+2-3	2-49	+1-99	1-38
Yamethin . . .	29-815	-028	..	..	63-3	61-5	79-8	-4-0	59-6	+1-6	84-1	51-5	90	+5	3-1	2	+1-2	1-08	+0-59	0-65
Mandalay . . .	29-760	-004	Calm	2-7	67-2	64-0	80-9	-2-3	60-3	+0-9	85-7	51-5	84	-2	5-2	2	+1-2	1-59	+1-23	0-97
Monywa . . .	29-742	-013	N 18° W	1-1	63-5	60-9	80-5	+0-2	59-3	-0-2	84-2	53-3	86	-3	3-7	2	+1-2	1-13	+0-71	0-61
Lashio . . .	27-187	-001	N 45° E	0-9	53-1	52-6	71-2	-2-6	49-4	+1-3	75-3	39-8	97	+3	6-0	2	+0-6	1-69	+0-76	0-91
Bhamo . . .	29-645	-015	N 45° E	0-3	56-6	55-9	76-1	+0-9	53-7	+2-5	80-0	45-8	96	+2	6-2	1	-0-1	0-34	-0-27	0-28
Myittha . . .	29-639	-032	S 31° W	1-9	57-6	55-8	75-3	+0-3	52-9	+1-2	79-0	45-8	89	0	2-4	2	+0-5	0-55	+0-08	0-27
II.—Assam.																				
Dibrugarh . . .	29-680	-025	E	0-4	55-2	53-8	74-6	+1-5	50-8	+0-5	80-3	44-3	91	-4	3-9	1	-0-3	0-24	-0-20	6-15
Sibsagar . . .	29-714	-025	N 45° W	0-6	54-2	53-5	71-4	+0-1	50-6	+0-1	80-0	42-4	96	-3	9-0	1	-0-6	0-31	-0-22	0-17
Tezpur . . .	29-798	+005	N 41° E	1-9	55-8	54-4	75-1	+1-0	53-6	+0-5	79-8	46-8	92	-1	2-0	1	+0-3	0-47	+0-18	0-47
Gauhati . . .	29-855	-008	N 43° E	1-1	56-5	55-4	75-8	+0-5	52-1	+0-8	80-8	45-6	93	-4	7-5	1	+0-4	0-11	-0-10	0-11
Diaburi . . .	29-925	-005	N 65° E	4-0	60-7	57-9	73-5	-0-9	55-5	+0-9	77-6	45-8	84	-6	0-5	0	-0-1	0	-0-08	0
Silchar . . .	29-914	-022	N 56° E	1-4	62-5	59-9	81-3	+1-6	55-4	+0-6	87-2	46-3	86	-4	0-9	0	-0-8	0-05	-0-28	0-65
Srimangal . . .	29-947	..	..	..	50-9	50-5	81-8	+0-8	44-9	-4-7	87-1	37-9	92	+2	2-2	0	-0-8	0	-0-31	0
III.—Bengal.																				
Cox's Bazar . . .	29-942	..	N 71° E	1-5	65-5	62-8	79-9	..	59-0	..	83-3	52-8	85	..	1-5	0	-1-0	0	-1-06	0
Chittagong . . .	29-900	-022	N 48° E	1-8	61-6	59-8	79-1	+0-8	56-5	-1-1	83-8	50-9	89	0	1-2	0	-0-9	0	-0-80	0
Noakhali . . .	29-964	-006	N 2° E	1-5	63-8	60-4	79-8	+1-8	58-2	+3-7	84-4	51-8	84	-4	1-3	0	-0-4	0	-0-81	0
Barisal . . .	29-987	-011	N 15° W	1-6	63-4	60-6	77-6	-0-2	57-1	+1-0	82-8	51-5	84	-2	0-6	0	-0-7	0	-0-44	0
Narayanganj . . .	29-981	-017	N 24° W	0-1	62-8	59-4	78-4	+0-3	58-1	+0-8	83-5	51-2	80	-7	1-1	0	-0-5	0	-0-19	0
Mymensingh . . .	29-946	-021	N	0-1	61-3	58-0	78-5	+1-7	56-0	+1-0	84-3	50-1	81	-9	1-5	0	-0-3	0	-0-68	0
Bogra . . .	29-962	-002	N 3° W	0-9	60-3	58-2	76-2	-0-4	55-1	+1-3	81-7	49-7	87	+4	1-1	0	-0-2	0	-0-66	0
Dinajpur . . .	29-896	-020	N 8° E	1-3	58-8	56-1	76-8	-0-6	53-1	+2-2	81-8	44-8	84	-3	1-4	0	-0-1	0	-0-07	0
Jalpaiguri . . .	29-753	-005	N	0-4	56-9	55-2	76-2	+0-5	52-5	-0-1	80-7	45-6	89	+2	0	1	+0-6	0-45	+0-32	0-45
Saugor Island . . .	30-001	-011	N 15° E	6-9	65-4	61-9	76-9	+0-3	59-5	+0-5	81-4	51-7	81	-6	1-9	0	-0-6	0	-0-30	0
Midnapore . . .	29-778	-011	N 31° W	1-9	62-4	56-4	79-1	-0-9	55-6	+0-1	86-0	48-7	66	-3	1-9	0	-0-3	0	-0-29	0
Calcutta . . .	30-001	-019	N 32° W	2-4	61-3	58-2	77-2	+0-2	57-2	+1-2	82-7	51-9	82	+1	1-3	0	-0-4	0	-0-22	0
Jessore . . .	29-999	-004	N 45° W	0-9	61-7	58-5	76-9	-0-6	56-1	+1-4	85-3	50-7	82	-2	0	0	-0-5	0	-0-22	0
Khulna . . .	29-998	..	N 13° E	2-3	62-7	59-1	78-0	..	56-3	..	83-4	50-7	79	..	0-8	0	..	0	..	0

d = Mean of 30 days.

TABLE B.—DECEMBER 1922—*contd.**Abstract of 8 hrs. observations.*

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
III.—Bengal—<i>contd.</i>																				
Satkhira	30-020	..	N 68° W	0-1	63-0	59-1	?	..	?	..	?	?	78	..	1-5	0	..	0	..	0
Burdwan	29-021	-027	N 33° W	1-0	60-6	56-6	78-6	+0-1	56-2	+0-1	84-8	50-2	77	+4	1-4	1	+0-7	0-14	-0-03	0-13
Asansol	29-598	..	..	..	59-8	55-5	77-5	..	51-6	..	84-6	44-2	74	..	1-1	1	+0-7	0-76	+0-64	0-60
Berhampore	29-973	-004	N 13° W	0-8	61-1	58-2	77-1	+0-5	55-6	+0-2	81-8	49-0	83	-1	1-2	0	-0-3	0	-0-14	0
IV.—Bihar and Orissa.																				
Balasore	(a) 29-992	-003	N	1-4	67-2	60-2	81-2	+1-3	55-4	-0-3	86-9	47-3	65	-13	0-7	0	-0-5	0	-0-24	0
Hukitaja (Pake Point)	29-997	-007	N 5° W	4-7	..	..	..	..	..	..	..	..	..	..	2-0	0	-0-8	0	-0-67	0
Cuttack	29-943	-015	S 79° W	0-5	61-7	59-0	79-1	-2-5	54-8	-4-1	84-1	48-0	84	+7	1-1	0	-0-6	0	-0-30	0
Parl	30-014	+005	N 20° E	5-1	66-4	62-2	80-2	-0-3	62-9	+0-8	82-8	55-7	78	+1	1-5	0	-0-5	0	-0-35	0
Angul	29-539	-028	N 50° W	4-1	63-2	57-7	80-8	+1-7	54-0	-0-6	85-8	46-4	69	-10	1-2	0	-0-8	0	-0-31	0
Sambalpur	29-509	-049	N 14° W	1-2	58-2	55-2	78-5	-1-3	52-7	-1-4	83-0	44-5	81	+7	0-2	0	-0-4	0	-0-24	0
Chalchasa	29-261	-025	S	4-1	57-0	54-6	77-5	0	51-4	+0-4	84-9	43-8	84	-2	0-7	0	-0-5	0	-0-21	0
Ranchi	27-845	-004	N 65° W	3-2	56-0	51-2	71-0	-2-3	50-5	-0-7	78-9	43-3	71	+7	1-6	0	-0-6	0-02	-0-19	0-02
Purulia	(a) 29-205	+007	N 61° W	1-7	60-8	54-5	78-0	-0-1	54-2	+0-9	87-0	46-7	64	-5	1-5	1	+0-5	0-10	-0-04	0-10
Daitongan	(b) 29-314	-001	S 20° W	2-0	52-1	50-7	75-5	-1-2	43-8	-2-1	84-7	36-1	90	+9	0-0	0	-0-5	0-02	-0-21	0-02
Purnea	29-909	-022	S 83° W	1-3	56-7	54-5	75-3	-0-5	50-3	+0-9	81-7	43-3	92	+1	2-0	0	-0-2	0-04	-0-10	0-02
Monghyr	(a) 29-881	..	S 43° W	2-4	58-3	55-4	74-3	..	55-3	..	80-2	46-4	83	..	1-5	0	-0-3	0-02	-0-44	0-02
Darbhanga	29-884	-002	N 60° W	1-0	58-1	56-0	74-3	-0-6	52-1	-0-6	79-4	44-9	88	+1	2-4	3	+2-8	0-60	+0-51	0-25
Pusa	29-851	..	S 58° W	1-7	56-3	55-1	74-7	..	52-0	..	79-7	45-7	93	..	1-4	3	+2-7	0-66	+0-52	0-28
Patna	29-869	+003	S 71° W	2-4	59-2	55-4	73-7	-0-6	54-0	+2-2	78-2	47-2	78	+3	0-7	2	+1-7	0-41	+0-31	0-24
Buxar	29-804	-014	S 41° W	2-9	56-5	53-6	74-7	-1-4	52-1	+1-2	83-4	45-8	83	+12	2-5	1	+0-5	0-23	+0-02	0-19
Gaya	29-679	+001	S 78° W	1-2	60-4	54-7	74-8	-1-5	54-3	+3-0	81-9	46-5	67	-5	1-1	0	-0-4	0	-0-15	0
Naya Dumka	29-510	-030	N 34° W	1-0	60-3	55-8	75-9	-0-2	52-4	+0-9	82-2	46-5	74	+1	0-5	0	-0-3	0-06	-0-06	0-04
V.—United Provinces of Agra and Oudh.																				
Gorakhpur	29-798	+015	S 75° W	0-3	56-5	54-0	72-6	-1-6	50-7	+0-7	77-6	43-0	90	+9	0-5	1	+0-6	1-10	+0-95	1-02
Benares	29-780	-007	S 41° W	1-2	57-2	54-4	73-6	-1-5	49-4	+1-6	80-5	42-5	83	+2	2-0	1	+0-5	0-30	+0-07	0-26
Allahabad	29-755	+009	S 88° W	1-9	55-8	52-4	74-7	-1-1	49-2	+1-4	83-5	42-0	81	+4	2-8	1	+0-5	0-55	+0-30	0-52
Cawnpore	29-625	-011	S 48° W	1-3	53-5	51-0	72-6	-1-9	49-9	+1-4	80-6	42-5	83	-2	1-4	2	+1-4	0-63	+0-44	0-59
Lucknow	29-664	-015	W	0-9	53-8	51-3	74-2	-1-5	49-3	+3-0	83-2	44-2	84	+5	1-1	1	+0-3	0-75	+0-44	0-75
Bahraich	29-616	-007	N 45° W	1-2	55-3	52-8	72-5	-2-7	50-1	+2-4	79-1	44-4	84	+2	1-0	2	+1-3	0-70	+0-40	0-51
Jhansi	29-210	-020	S 45° W	1-9	57-0	51-8	76-7	-1-6	49-0	-3-4	89-8	40-2	70	+11	2-0	2	+1-3	0-64	+0-39	0-45
Agra	29-478	-018	S 34° E	1-2	56-1	52-2	72-6	-2-9	50-7	+1-6	85-4	43-3	76	+9	2-1	2	+1-2	1-00	+0-71	0-54
Mainpuri	29-510	-015	N 70° W	0-2	53-8	50-6	73-5	-1-4	48-6	+1-5	84-8	41-1	82	+9	2-0	2	+1-1	0-36	-0-02	0-25
Bareilly	29-434	-025	N 76° W	1-6	52-8	51-4	68-6	-4-1	48-9	+2-9	76-2	44-0	91	+10	2-0	2	+1-2	1-48	+1-15	0-76
Roorkee	29-102	-013	N 45° W	0-9	47-9	46-9	67-7	-4-2	44-7	+1-4	76-4	39-9	92	+8	2-6	3	+1-8	2-14	+1-57	0-75
VI.—Punjab.																				
Delhi	29-305	-012	N 73° W	1-4	53-4	50-0	68-7	-4-6	50-8	+1-8	77-8	44-5	78	+15	2-5	3	+2-0	1-06	+0-63	0-55
Hissar	29-292	-029	S	3-6	48-6	46-0	73-1	-1-1	44-5	+1-5	85-2	38-2	81	+10	2-2	1	+0-2	0-34	+0-04	0-28
Patna	29-178	-032	N 8° W	2-5	51-7	48-0	69-4	-1-8	46-5	+2-3	78-4	36-0	76	-2	2-0	2	+0-9	0-45	+0-41	0-25
Amboia	29-099	-026	N 26° E	3-2	50-4	48-0	70-5	-1-6	46-1	+2-6	80-0	40-0	83	+1	3-5	3	+1-6	1-07	+0-48	0-40
Ludhiana	29-192	-017	N 75° W	1-3	49-1	47-3	69-4	-1-0	45-7	+1-3	80-3	41-0	87	+12	2-3	5	+3-7	1-66	+0-97	0-51

(a) Mean of 30 days.

(b) Mean of 29 days.

(c) Mean of 25 days.

TABLE B.—DECEMBER 1922—*contd.**Abstract of 8 hrs. observations.*

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
VI.—Punjab—<i>contd.</i>																				
Lahore	29-320	—019	S 45° E	0-7	47-5	46-0	68-8	—4-0	46-0	+5-1	78-8	37-3	88	+6	2-9	2	+1-0	1-31	+0-93	0-86
Sialkot	29-200	—005	N 5° E	0-7	50-1	48-7	66-1	—3-5	43-7	+1-0	75-7	34-7	91	+16	2-7	2	+0-9	1-22	+0-57	0-80
Rawalpindi	28-345	—008	N 59° W	1-0	44-2	42-1	64-5	—2-6	40-2	+2-8	74-1	33-7	83	+9	2-2	5	+3-2	4-06	+3-06	2-20
Khushab	29-456	+001	N 45° E	2-2	49-4	46-5	69-6	—2-5	44-1	+2-0	82-2	33-7	79	+19	3-6	1	+0-4	0-87	+0-46	0-78
Lyallpur	29-421	..	S 63° W	1-5	47-8	46-0	69-0	..	44-0	..	78-6	35-4	87	..	5-0	2	+1-6	0-65	+0-46	0-45
Montgomery	29-487	—017	N 29° E	2-9	50-6	47-9	69-9	—2-6	45-5	+2-9	80-0	39-1	81	+17	3-2	2	+1-0	0-40	+0-07	0-16
Multan	29-682	—016	N 11° E	1-0	50-7	48-0	71-6	—1-9	48-2	+3-2	80-6	40-8	82	+13	2-8	0	—0-6	0	—0-22	0
VII.—North-West Frontier Province.																				
Peshawar	28-940	—018	Calm	0-2	43-2	41-5	63-8	—3-2	40-4	+1-2	73-6	32-7	86	+16	5-1	1	—0-1	0-61	+0-01	0-32
Dera Ismail Khan	29-504	+009	N 45° W	0-5	49-7	44-2	68-3	—4-0	45-6	+5-1	78-0	38-1	62	—10	3-5	1	+0-4	0-41	+0-21	0-39
VIII.—Sind.																				
Jacobabad	29-900	+004	N 64° E	0-4	53-8	48-9	70-9	—5-8	47-2	+2-9	78-1	38-6	68	+2	1-4	0	—0-4	0-02	—0-13	0-02
Hyderabad	29-957	—020	N 15° W	2-9	58-9	53-7	80-1	+1-1	53-9	+1-6	89-9	44-1	68	+13	0-8	0	—0-2	0	—0-06	0
Karachi	30-041	—019	N 34° E	6-1	65-8	60-6	78-5	+0-3	62-1	+2-5	82-8	54-9	71	+13	2-6	0	—0-4	0-03	—0-10	0-03
IX.—Rajputana.																				
Bikaner	29-260	—013	S 15° E	2-5	55-5	48-9	76-3	+1-2	48-4	—2-0	89-0	38-9	61	+7	1-7	0	—0-4	0-11	—0-09	0-07
Jodhpur	29-253	+001	N 48° E	2-0	57-0	47-9	79-4	—0-3	51-6	—1-1	89-4	45-2	47	+3	1-1	0	—0-5	0	—0-13	0
Jalpur	28-591	—008	N 27° W	2-2	54-5	48-2	75-5	—1-8	47-5	—1-6	85-5	38-2	63	+5	1-4	1	+0-4	0-50	+0-28	0-39
Ajmer	28-388	—032	S	0-4	47-3	43-5	75-3	—0-9	45-7	—0-8	85-8	38-2	73	+1	0-9	0	—0-5	0	—0-31	0
Kotah	29-190	—013	N 45° W	0-2	59-6	51-9	78-3	—0-9	52-3	—1-0	90-0	44-6	57	—1	1-1	0	—0-7	0-08	—0-20	0-08
X.—Bombay.																				
Deesa	29-576	+020	N 72° E	4-3	58-5	50-3	84-8	—0-9	49-7	—2-9	92-4	41-2	52	+6	0-4	0	—0-1	0	—0-05	0
Bhuj	29-697	+004	N 30° E	2-5	65-2	57-0	82-0	0	51-8	—4-2	91-4	42-7	57	0	0-5	0	—0-1	0	—0-04	0
Jamnagar . . . . .	..	..	N 68° E	6-0	65-2	57-7	81-5	—0-5	..	..	87-3	..	61	+9	1-2	0	—0-2	0-04	—0-01	0-04
Dwarka	30-010	+011	N 41° E	6-0	67-3	62-5	79-0	—1-9	63-6	+2-8	87-1	53-7	75	+8	1-8	1	+0-7	0-45	+0-40	0-45
Rajkot	29-580	—004	N 48° E	3-4	61-3	53-0	83-8	—1-4	53-5	+0-6	92-7	45-0	54	+5	1-6	0	—0-1	0	—0-04	0
Veraval	30-010	+026	N 13° E	4-4	66-4	57-7	81-7	—2-5	61-9	—0-3	88-1	55-3	56	+5	0-9	1	+0-8	0-26	+0-17	0-21
Bhavnnagar Para	29-994	+029	N 54° W	2-9	62-8	53-4	83-5	—1-9	53-3	—3-0	91-6	43-5	49	—5	1-2	0	—0-2	0	—0-08	0
Surat	29-989	+022	N 61° E	2-2	65-6	58-0	85-2	—2-5	58-0	—0-3	91-2	50-3	60	—1	0-9	0	—0-1	0	—0-04	0
Ahmadabad	29-878	+014	N 71° E	3-5	63-7	54-1	84-1	—2-3	57-9	—1-6	92-0	50-5	50	+3	0-5	0	0	0	—0-03	0
Bombay	29-957	+011	N 84° E	6-0	71-7	66-1	84-6	—0-1	69-6	—0-4	89-2	62-9	73	+1	1-2	1	+0-8	0-14	+0-08	0-14
Ratnagiri	29-757	+008	N 80° E	6-4	75-4	63-7	87-6	—1-7	67-4	+0-1	93-4	63-9	50	—5	0-4	0	—0-3	0	—0-09	0
Marmagao	29-903	+016	N 87° E	5-5	70-8	66-6	81-5	—4-3	69-3	—1-2	86-5	65-5	79	+3	2-2	0	—0-4	0	—0-19	0
Karwar	29-919	+015	N	1-4	66-7	63-9	85-9	—1-7	64-9	—1-5	88-7	57-5	85	+9	0-4	0	—0-4	0	—0-24	0
Malegaon	28-551	—015	S 67° W	?	60-5	51-3	84-0	—0-5	49-7	—2-1	89-4	40-2	50	—3	0-4	0	—0-4	0	—0-21	0
Ahmadnagar	27-839	—006	N 56° W	2-7	62-1	53-3	81-0	—2-2	50-9	—1-3	84-5	40-3	53	—5	0-6	0	—0-6	0	—0-48	0
Poona	28-148	+007	N 45° E	1-7	58-3	53-6	82-0	—2-6	50-6	—3-2	85-6	43-5	73	+15	1-5	0	—0-5	0	—0-17	0
Sholapur	28-395	+001	N 86° E	4-7	66-4	56-1	84-3	—1-2	56-9	—1-1	87-5	51-0	50	+1	0-2	0	—0-6	0	—0-50	0
Bijapur	28-030	+002	N 67° E	2-1	65-5	58-6	81-7	—2-9	56-6	—0-7	83-5	47-8	66	—1	1-8	0	—0-5	0	—0-36	0
Belgaum	27-425	+009	N 42° E	2-4	63-8	56-8	81-0	—0-7	55-9	—2-4	83-3	52-7	64	+6	1-2	0	—0-6	0	—0-41	0

(p) Mean of 29 days.

TABLE B.—DECEMBER 1922—contd.

Abstract of 8 hrs. observations.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
XI.—Central India.																				
Neemuch	28-386	—012	E	1.5 (a)	61.7	53.7	76.7	—1.8	47.5	—1.7	86.7	39.0	57	+2	0.9	1	+0.5	0.85	+0.66	0.85
Indore	28-179	—003	N 81° E	2.5	59.7	52.0	77.7	—2.0	48.2	—1.4	85.4	37.6	58	—1	0.8	1	+0.4	0.15	—0.09	0.15
Nowgong	29-278	—009	S 32° W	0.9	54.0	49.5	73.9	—1.3	46.4	—0.3	83.0	36.3	72	—2	2.1	1	+0.3	0.18	—0.28	0.12
Sutna	28-968	—013	B	0.8	52.4	48.8	72.7	—2.6	47.7	+0.4	81.8	39.0	78	+10	1.5	1	+0.2	0.40	+0.02	0.35
XII.—Central Provinces.																				
Buldana . . . . .	..	..	S 74° W	2.2	65.3	54.3	78.4	—1.2	55.5	—2.3	83.0	48.2	46	..	1.4	0	—1.0	0.08	—0.53	0.07
Akola	29-098	+011	N	1.8	60.7	52.6	83.6	—0.3	49.8	—2.1	89.2	40.0	54	—3	0.8	0	—1.1	0	—0.68	0
Amraoti	28-786	—008	N 69° E	3.0	61.1	54.0	82.4	—0.5	56.0	—1.2	87.0	49.3	48	—4	0.5	0	—0.8	0	—0.55	0
Khandwa	28-965	—002	S 84° E	2.4	58.7	53.0	83.3	—0.2	47.9	—2.9	90.5	37.6	66	+9	2.3	1	+0.6	0.31	0	0.31
Hoshangabad	29-031	+005	N 71° E	2.0	54.6	50.4	77.5	—1.9	48.9	—2.8	84.5	41.2	73	+6	1.0	1	+0.3	0.21	—0.26	0.21
Bangor	28-160	—049	S 56° E	1.3	55.6	48.6	76.2	—0.6	51.7*	—0.8	84.8	43.0	60	+6	1.4	1	+0.4	0.14	—0.34	0.14
Jubbulpore	28-664	—021	S 52° E	1.0	52.7	48.8	74.3	—2.8	46.7	+0.3	82.7	38.5	75	0	1.7	0	—0.6	0.01	—0.28	0.01
Seoni	27-972	+002*	N 22° E	2.3	57.6	51.0	74.5	—3.4	49.1	—1.0	81.0	41.1	62	—2	0.8	0	—0.9	0	—0.55	0
Nagpur	29-004	+009	N 25° E	2.6	61.6	52.9	80.0	—1.6	52.3	—2.1	85.5	44.8	52	—8	0.4	0	—1.0	0	—0.58	0
Pendra	27-932	—025	N 22° W	2.4	58.3	52.7	72.8	—2.4	48.9	—1.0	80.3	40.6	68	+7	1.0	0	—0.6	0.08	—0.27	0.04
Rajpur	29-037	—006	N 72° W	1.3	59.1	53.4	77.7	—1.7	53.3	—0.8	83.2	45.9	67	+2	0.5	0	—0.4	0	—0.26	0
Chanda	29-395	+004	N 38° W	1.6	61.8	56.6	80.5	—2.1	51.3	—0.8	87.1	42.0	71	—2	0.9	0	—0.7	0	—0.26	0
Jagdalpur	28-173	..	N	0.7	57.2	53.9	78.0	..	48.7	..	80.8	40.3	81	..	3.8	0	—0.1	0	—0.15	0
XIII.—Hyderabad.																				
Aurangabad	28-094	—018	N 76° E	4.2	62.8	53.5	81.1	—2.7	52.2 (b)	—2.3 (b)	84.8	42.2	52	+2	1.0	1	+0.4	0.25	—0.06	0.16
Nizamabad	28-754	?	N 37° E	1.1	63.8	57.5	82.3	—0.7	51.6	—1.7	86.0	42.6	67	0	0.1	0	—0.4	0	—0.12	0
Gulbarga	28-482	—003	N 77° E	4.9	64.6	54.8	85.9	+0.6	55.4	—3.1	88.9	45.3	51	—10	0.4	0	—0.3	0	—0.19	0
Raichur	28-667	+014	N 88° E	6.4	68.6	60.5	84.6	—0.1	62.1	—1.4	87.8	54.2	60	—4	1.0	0	—0.2	0	—0.17	0
Hyderabad (Deccan)	28-273	+005	S 45° E	2.1	64.5	58.5	81.3	—1.5	56.0	—2.0	84.5	48.5	69	—3	0.8	0	—0.3	0	—0.14	0
Hanamkonda	29-128	+013	N 4° W	1.6	63.3	61.0	81.0	—2.4	58.4	—2.3	85.1	51.8	63	—2	0.5	0	—0.4	0	—0.22	0
XIV.—Mysore.																				
Chitaldrug	27-563	+010	S 75° E	2.5	67.9 (c)	60.2 (d)	79.9 (c)	—2.0	60.0 (c)	—1.0	83.1	54.8	63 (d)	—4	1.3	0	—0.6	0.11	—0.26	0.09
Hassan	26-850	+014	S 69° E	5.4	66.1	59.9	78.6	—1.1	55.1	—0.8	81.5	49.6	69	—7	2.2	0	—0.9	0.01	—0.78	0.01
Bangalore	26-971	+002	N 87° E	4.4	64.5	59.6	79.1	+0.6	55.9	—2.6	82.5	52.1	75	—4	2.4	0	—1.3	0.08	—0.38	0.08
Mysore	27-447	+002	N 53° E	4.0	66.6	61.2	79.7	—2.2	58.3	—1.9	82.8	54.6	73	—2	2.6	1	0	0.16	—0.23	0.14
XV.—Madras.																				
Mangalore	29-880	+015	N 89° E	4.7	76.1	68.2	87.8	—1.2	69.1	—1.1	91.2	64.9	65	—2	1.9	0	—0.8	0	—0.50	0
Calicut	29-915	+022	S 75° E	1.5	73.6	69.7	86.0	—1.2	69.1	—1.6	88.4	64.7	81	+3	3.4	0	—1.9	0.15	—1.00	0.08
Cochin	29-935	+029	N 84° E	4.3	75.7	69.9	87.1	—1.6	70.7	—2.1	90.5	63.0	73	—1	1.8	1	—1.0	0.28	—1.48	0.25
Trivandrum	29-736	+035	N 45° E	2.7	74.3	70.8	82.2	—0.9	71.1	—2.0	84.0	68.4	84	+5	3.5	3	—0.7	2.67	+0.27	2.02
Pamban	29-903	+009	N 2° W	11.8	76.8	75.0	83.5	+1.3	75.4	+0.9	86.5	74.3	92	+4	4.5	4	—5.5	4.42	—3.22	2.01
Madura	29-489	+009	N 1° E	2.9	73.3	68.9	85.4	—0.7	68.1	—2.1	88.2	64.0	79	+4	4.9	2	—1.5	6.42	+4.61	4.15
Pudukkottai	29-643	+016	N 15° E	4.1	72.8	67.8	84.5	—1.3	67.1	—1.8	87.2	62.1	76	—1	1.3	2	—2.2	2.39	—0.53	1.50
Nagapattinam	29-931	+023	N 36° W	9.4	73.7	69.5	81.9	—0.2	70.2	—1.9	83.9	66.8	80	—2	5.0	6	—3.6	3.97	—7.87	1.60
Trichinopoly	29-717	+017	N 12° E	2.6	75.5	70.0	86.3	+0.9	67.2	—2.1	89.4	62.5	75	—2	2.6	2	—2.7	2.72	+0.03	1.46

(a) Mean of 11 days.

(b) Mean of 17 days.

(c) Mean of 29 days.

(d) Mean of 22½ days.

TABLE B.—DECEMBER 1922—contd.

Abstract of 8 hrs. observations.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
XV.—Madras—contd.																				
Coimbatore	28-611	+009	N 25° E	1.9	70.7	65.2	83.0	-2.0	63.0	-2.8	85.7	57.3	74	-9	3.3	3	+0.3	5.86	+4.64	3.62
Salem	29-043	+010	N 37° E	2.8	69.4	65.2	84.7	-1.7	63.5	-1.9	88.0	59.5	79	+2	2.1	2	-0.3	0.88	-0.13	0.76
Cuddalore	29-938	+016	N 24° W	5.5	73.3	69.5	85.4	+2.2	65.3	-4.4	85.4	65.2	82	-5	4.0	3	-3.2	2.07	-5.58	0.92
Vellore	29-281	+024	Calm	1.7	68.0	65.5	82.9	+1.2	62.9	-1.6	85.8	59.5	87	+1	1.7	1	-3.0	0.76	-2.39	0.69
Madras	29-958	+006	N 39° W	3.9	73.9	70.0	82.8	-0.5	66.8	-2.9	84.3	61.7	82	-1	2.9	1	-4.2	0.37	-5.60	0.35
Cuddapah	29-562	+006	N 73° W	..	71.9	66.8	88.8	+2.1	64.6	-0.7	95.6	58.0	75	-2	2.1	1	-0.6	0.46	-0.53	0.46
Bellary	28-509	+015	S 71° E	1.9	70.6	62.6	85.5	-0.4	60.1	-1.2	88.5	55.9	63	-3	0.9	0	-0.3	0	-0.12	0
Kurnool	29-059	+005	N 49° E	2.0	65.9	59.4	86.7	0	59.5	-0.1	90.0	52.4	66	-6	1.3	0	-0.5	0	-0.27	0
Nellore	29-929	+007	N 29° W	1.9	71.5	68.2	82.9	-1.3	66.5	-1.6	85.4	63.4	83	-2	2.8	1	-2.1	0.88	-2.12	0.82
Masulipatam	29-997	0	N 27° E	..	70.5	66.0	82.2	-0.7	64.3	-1.9	84.8	60.2	78	-3	2.1	0	-1.1	0	-0.93	0
Cocanada	29-967	+003	N 3° E	5.5	69.5	64.6	79.8	-0.8	65.2	-0.9	81.2	58.9	74	+1	2.5	0	-1.0	0	-0.97	0
Vizagapatam	29-975	+002	N 45° W	3.5	72.0	65.5	80.7	0	66.7	-1.5	83.6	61.7	70	+8	2.8	0	-1.1	0	-0.87	0
Calingapatam	29-996	..	N 47° W	3.9	66.8	62.9	81.8	..	61.1	..	85.0	54.6	80	..	1.3	0	-0.9	0	-1.49	0
Gopalpur	29-973	-001	N 3° E	4.4	67.2	61.2	80.7	+0.8	60.0	-0.7	87.2	54.0	69	-8	0.7	0	-1.0	0	-0.84	0
Bay stations.																				
P. V. Fraser	(h) 29-988	..	N 11° E	..	70.5	63.8	..	..	..	..	..	..	67	..	1.5	0	-0.5	0	-1.33	0
Port Blair	29-809	-044	N 36° E	8.4	78.8	74.6	82.9	-2.9	75.2	-1.3	85.6	71.1	81	0	6.2	10	+2.7	7.57	+0.70	1.60
Table Islands	29-804	-033	N 39° E	5.4	78.5	72.8	81.6	-2.1	74.8	-1.6	83.8	70.6	75	-1	2.1	6	+4.1	2.82	+0.51	1.16
Kashmir.																				
Muzaffarabad	27-629	..	S 8° W	0.9	42.0	40.8	62.1	..	40.3	..	76.1	34.6	90	..	5.0	4	0	2.61	+0.62	0.95
Srinagar	24-962	-043	S 30° W	1.6	34.4	..	49.2	+0.9	28.8	+0.9	60.0	21.7	..	..	6.6	4	+0.6	1.00	-0.36	0.36
Gulmarg . . . . .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Dras	20-778	-028	W	1.2	10.7	..	29.7	+2.0	6.4	+6.2	45.3	-14.4	..	..	4.6	2	-3.7	0.80	-0.86	0.15
Leh	19-646	-043	Calm	0.6	16.8	..	32.7	-3.3	12.9	-0.2	45.5	1.3	..	..	8.0	1	+0.5	0.36	+0.19	0.29
Skardu	22-927	-051	Calm	1.2	25.3	..	41.2	-0.3	20.6	-2.0	51.8	12.8	..	..	5.8	3	+1.8	0.52	+0.14	0.24
Gilgit	25-261	-035	S 45° W	0.3	38.5	35.4	51.6	+2.2	34.6	+0.7	60.6	28.6	(a) 68	+9	6.5	0	-0.3	0.09	-0.02	0.07
Baluchistan.																				
Fort Sandeman	25-472	..	S 18° E	1.0	36.8	35.6	61.7	..	33.7	..	76.6	24.7	(b) 60	..	2.8	2	+0.9	0.37	-0.02	0.34
Quetta	24-687	-024	S	1.5	31.5	..	57.4	+0.8	27.9	-1.5	71.1	19.1	..	..	2.9	4	+1.8	0.91	-0.01	0.47
Chaman	25-748	-033	S 57° E	4.5	41.7	37.4	60.5	+5.0	38.8	+1.9	73.7	28.2	(d) 45	-20	3.6	3	+0.2	1.46	+0.36	0.78
Kalat	23-732	..	S 17° W	3.3	27.8	..	56.1	-0.6	24.2	..	71.9	10.6	..	..	1.6	1	-1.3	0.37	-0.67	0.39
Dalbandin	27-222	..	N 45° E	3.0	41.6	39.1	70.5	..	36.7	..	82.7	23.9	(e) 64	..	4.8	1	-0.6	0.22	-0.16	0.19
Mirjawa	27-271	..	N 62° W	6.0	43.6	39.1	69.8	..	43.0	..	83.0	35.6	(f) 54	..	0.3	0	..	0	..	0
Pasni (f)	29-993	..	N 19° W	5.3	63.8	60.6	78.8	..	61.3	..	83.8	57.1	85	..	3.2	0	-1.4	0.07	-0.64	0.04
Panjgur	26-821	..	N 64° E	4.6	45.2	40.9	71.3	..	42.1	..	81.8	33.0	(f) 56	..	2.1	1	..	0.12	..	0.12
Solistan (e)	28-294	..	N 45° W	3.0	39.9	38.5	64.4	..	36.6	..	75.8	27.3	(e) 72	..	3.5	0	..	0	..	0
Hill stations, excluding Kashmir and Baluchistan.																				
Parachinar	24-467	-031	N 5° E	0.7	38.0	30.3	52.7	-1.8	32.9	+0.1	66.6	23.1	(d) 68	+7	4.7	3	-0.1	1.66	+0.45	0.95
Cherat	25-775	-011	N 8° W	6.7	44.0	39.3	51.9	-2.0	41.1	-1.5	65.7	34.1	(h) 65	+19	3.0	5	+3.3	3.57	+2.22	2.80

(x) Mean of 23 days.

(a) Mean of 24 days.
(b) Mean of 13 days.
(c) Aneroid.(d) Mean of 21 days.
(e) Mean of 25 days.
(f) Mean of 27 days.(g) Mean of 26 days.
(h) Mean of 30 days.

TABLE B.—DECEMBER 1922—concl'd.

Abstract of 8 hrs. observations.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Hill stations, excluding Kashmir and Baluchistan—concl'd.																				
Drosh (a)	25.107	..	N 45° E	0.9	39.2	(g) 35.7	52.6	—0.5	36.3	+0.6	66.3	29.6	(g) 67	+4	4.0	3	+0.1	1.36	+0.35	0.04
Murree	23.975	—0.84	S 28° E	4.2	40.4	(b) 35.5	46.7	—5.4	39.7	+1.1	61.0	31.9	(b) 60	+12	4.1	6	+3.3	1.72	+0.23	0.85
Sinda	23.004	—0.22	S 49° E	4.5	40.0	(j) 34.5	46.8	—3.1	37.0	—2.3	55.5	28.6	(j) 53	+12	3.8	6	+3.9	1.53	+0.32	0.42
Chakrata	23.392	?	N 72° E	6.5	42.2	(i) 37.4	51.2	—4.2	37.2	—2.1	59.7	28.1	(a) 63	+14	3.8	6	+3.8	1.06	+0.65	0.61
Mukteswar	22.814	—0.87	S 58° E	5.3	39.7	(b) 35.6	48.3	—6.1	36.5	—1.7	57.2	27.9	(b) 56	+13	3.5	5	+3.4	4.20	+3.42	1.77
Darjiling	22.961	—0.09	N 80° E	2.0	39.7	38.4	48.7	—0.5	36.7	0	55.4	32.1	74	—2	3.3	4	+3.3	0.97	+0.69	0.47
Kalimpong	26.049	..	N 69° W	7.0	50.4	47.0	61.1	..	45.0	..	67.1	31.0	78	..	4.7	3	..	1.65	..	0.64
Shillong	25.203	—0.81	E	0.9	48.9	45.4	61.2	—1.0	41.0	+1.8	65.9	34.7	76	+6	2.3	0	—0.8	0.06	—0.17	0.03
Cherrapunji	25.712	—0.09	N 66° E	2.0	55.5	49.5	62.6	+0.4	40.0	+1.6	70.1	44.3	64	0	1.4	2	+1.0	0.43	+0.01	0.25
Maymyo	26.453	—0.08	S 59° E	0.4	49.8	49.7	68.0	—1.6	45.7	+3.1	76.4	36.4	100	+10	2.3	2	+0.9	3.03	+2.39	1.90
Pachmarhi	26.510	—0.22	N 72° W	1.3	51.4	47.5	70.4	—0.2	42.4	—3.4	76.0	34.1	76	+14	0.3	2	+1.2	0.35	—0.16	0.20
Mount Abu	26.105	—0.09	N 18° W	1.9	53.2	47.7	66.8	—1.5	(d) 50.1	—2.9	76.5	31.9	44	+2	0.9	0	—0.3	0.05	—0.09	0.05
Mercara	26.225	+0.09	N 70° E	1.8	61.0	57.1	73.8	—1.7	55.1	—2.6	76.8	31.2	79	—4	5.8	1	—0.2	0.20	—0.58	0.17
Ootacamund	23.026	+0.11	S 66° E	2.5	54.7	45.1	66.9	+2.6	39.3	—5.0	71.7	30.3	48	—11	2.4	2	—2.5	3.49	+1.33	2.23
Kodaikanal	22.776	—0.44	N 81° E	7.8	55.6	44.0	66.4	+4.0	45.2	—2.4	73.3	36.8	41	—21	2.1	3	—4.2	13.91	+8.90	12.10
Extra India.																				
Trincomalee	29.832	+0.27	N 12° W	5.1	73.7	72.2	82.4	—0.6	73.3	—0.9	86.5	67.0	84	—3	4.7	9	—5.2	13.24	—1.03	4.32
Colombo	29.895	+0.19	N 32° E	3.6	71.2	69.0	85.7	—1.2	70.3	—2.6	88.4	65.1	89	+8	4.4	4	—3.6	3.57	—1.98	2.32
Mambantota	29.835	..	N 12° E	47.1	71.9	69.9	84.8	+0.4	71.2	—1.4	88.0	67.1	90	..	3.7	3	..	1.70	—3.82	0.70
Mintoo	29.949	+0.50	N 33° E	3.5	..	..	..	..	..	..	..	..	..	..	2.7	3	—1.3	2.28	—1.31	1.52
Amini Divi	29.917	+0.04	N 30° E	4.3	81.6	73.0	88.4	+2.6	72.6	—1.0	91.0	67.5	65	—6	2.7	2	0	0.51	—0.62	0.21
Gangtok	24.302	—2.18	N 21° E	1.1	45.1	40.9	59.9	—0.4	42.6	+8.5	68.0	38.2	71	—4	2.9	11	+8.8	3.15	+2.03	0.60
Kashgar (c)	25.675	—0.95	N	0.2	18.8	..	38.2	+0.4	15.2	—1.7	47.3	8.3	..	..	2.9	0	—0.2	0	—0.09	9
Meshed	26.045	..	Calm	0.8	31.1	..	53.5	+3.5	28.5	—2.0	69.4	7.2	..	..	3.4	3	+1.0	1.04	+0.32	0.47
Jask	30.017	—0.54	N 2° E	9.1	67.4	62.7	80.6	+3.0	65.4	+1.4	86.3	57.9	76	+4	1.0	2	0	1.85	+0.71	1.10
Muscat	30.020	—0.41	N 59° W	5.5	72.9	65.1	82.3	+5.4	69.8	—0.5	88.1	65.9	65	—3	1.6	0	—1.5	0	—0.61	0
Bahire	30.066	—0.16	N 35° W	7.7	59.7	54.6	70.5	+2.0	55.4	+0.2	84.5	46.8	71	—12	4.6	2	—2.2	0.77	—2.29	0.42
Ispahan (g) . . . . .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Tehran (c) . . . . .	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Baghdad (d)	30.094	+0.62	N 67° W	..	42.9	41.6	61.2	—1.9	40.4	—2.5	76.2	32.2	89	+12	4.2	2	—1.1	1.31	+0.13	0.89
Aden	29.909	—0.13	N 31° E	8.6	73.4	68.6	81.1	—0.4	71.4	—1.8	84.0	68.3	77	+3	4.4	0	—0.2	0	—0.11	9
Zanzibar	29.877	+0.25	N 53° E	2.4	81.2	76.7	85.5	—0.2	78.4	—0.7	87.1	74.6	80	—2	6.4	9	+0.6	7.41	+0.94	2.68

(a) Mean of 28 days.
(b) Mean of 23 days.(c) Aneroid.
(d) Mean of 30 days.(g) Mean of 26 days.
(i) Mean of 22 days.

ANNUAL TABLE B FOR 1922.

Abstract of 8 hrs. observations.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during year.	Lowest temperature observed during year.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of year.	Departure from normal.	Heaviest rainfall during year.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
I.—Burma.																				
Victoria Point	29.698	..	..	6.2	78.9	75.7	85.1	..	74.7	..	96.1	68.2	86	..	6.7	190	+38.7	177.50	+7.92	4.96
Mergui	29.779	—018	..	4.0	77.3	74.7	86.1	—1.4	73.4	+1.6	97.4	61.5	88	+1	3.5	161	+6.6	158.12	—4.82	5.23
Tavoy	29.823	—031	..	1.8	76.9	74.3	87.7	—0.1	73.1	+1.5	99.6	58.3	88	—1	6.3	159	+13.4	226.32	+11.51	5.69
Moulmein	29.771	—010	..	2.7	77.7	74.0	87.9	—0.2	73.2	+0.7	98.4	58.1	83	—4	5.8	150	+10.1	166.36	—22.55	5.95
Rangoon	29.819	—009	..	3.8	77.0	73.8	89.0	—0.3	74.0	+1.0	100.3	60.7	85	—2	7.4	132	+9.7	103.45	+4.35	4.1
Basscin	29.809	—006	..	3.1	77.3	74.3	88.6	+0.5	70.8	—1.7	100.5	54.8	86	—3	5.6	126	+0.9	112.87	+3.46	5.30
Diamond Island	29.771	—028	..	7.7	80.3	76.3	85.2	—0.1	76.2	+0.5	91.2	68.0	83	+3	6.3	109	—4.1	105.30	—12.51	5.89
Toungoo	29.663	—019	..	2.0	75.3	71.5	90.1	0	70.0	—0.5	105.3	49.3	82	—4	4.8	115	+0.5	71.12	—12.16	3.82
Kyaukpyu	29.785	..	..	1.2	77.8	75.1	84.6	..	73.2	..	93.4	55.9	88	..	5.6	127	—3.0	172.70	—2.72	7.87
Akyab	29.777	—030	..	2.9	75.5	72.5	84.2	—1.7	71.4	—0.7	95.3	51.3	86	—3	6.0	126	+1.7	235.01	+38.64	7.93
Minbu	29.634	—032	..	2.4	76.3	71.2	91.0	—0.6	71.1	—0.3	108.5	47.7	77	+1	3.2	52	—5.8	35.36	+0.34	2.46
Yamethin	29.169	—014	..	..	75.2	70.4	90.4	—0.9	70.5	+0.9	104.7	51.0	79	0	4.3	65	+2.1	38.61	+0.56	1.93
Mandalay	29.568	—011	..	5.3	78.4	71.6	93.1	+0.5	72.2	+0.9	108.5	50.7	72	—3	5.2	53	+1.8	42.10	+8.65	3.47
Monywa	29.551	—004	..	2.0	76.3	70.3	92.5	+1.3	72.1	+1.0	108.6	52.9	74	—5	4.9	45	+0.5	36.51	+4.24	3.08
Lashio	27.049	—006	..	1.7	66.0	63.3	81.3	—0.8	61.5	+1.2	95.6	39.5	86	0	5.9	109	+8.4	59.82	—2.47	2.95
Bhamo	29.447	—008	..	0.5	70.2	68.0	86.7	+0.8	66.3	+1.5	105.6	42.6	90	+1	5.9	98	—2.4	81.45	+8.73	5.66
Myitkyina	29.333	—028	..	2.4	69.9	67.2	84.9	+0.6	66.3	+0.5	100.0	44.8	86	0	5.4	109	+2.3	72.78	—6.13	3.16
II.—Assam.																				
Dibrugarh	29.467	—023	..	0.6	69.7	68.1	82.0	+1.2	65.5	+0.6	96.3	44.3	92	+1	5.7	126	—9.9	97.45	—11.61	3.62
Sibsagar	29.486	—031	..	1.2	68.9	67.7	81.5	0	66.3	+0.5	95.2	42.4	94	0	8.8	105	—24.4	84.10	—12.44	3.40
Tezpur	29.577	—001	..	1.7	70.6	68.2	84.5	+1.4	69.6	+2.8	95.9	46.8	88	—1	4.7	113	+4.7	61.36	—10.92	3.12
Gauhati	29.632	—011	..	1.4	72.0	69.1	86.1	+1.5	67.1	+1.2	99.6	45.6	86	—3	5.4	81	—12.9	51.85	—14.20	4.56
Dhubri	29.696	—007	..	4.6	72.5	69.3	83.1	+0.2	69.3	+1.4	97.6	45.8	84	—3	3.5	79	—15.1	91.58	—3.83	6.62
Silchar	29.721	—017	..	1.3	74.7	71.1	88.0	+1.9	67.8	+0.3	97.6	46.3	83	—5	3.2	123	—13.8	111.71	—14.58	9.66
Brinmangal	29.760	..	..	..	69.4	67.3	89.7	+2.2	62.4	—3.1	103.1	37.0	89	+2	2.9	103	—22.1	74.24	—28.36	3.31
III.—Bengal.																				
Cox's Bazar	29.766	..	..	2.7	75.6	72.7	85.7	..	70.1	..	103.7	50.3	86	..	4.0	99	—11.7	126.44	—8.85	7.29
Chittagong	29.716	—018	..	3.2	74.2	71.1	86.4	+1.6	69.5	+0.1	98.3	49.5	86	0	3.8	90	—4.6	83.57	—17.67	3.35
Noakhali	29.763	—009	..	3.9	75.3	72.3	85.7	+1.1	71.1	+2.5	98.6	49.8	86	—1	4.4	96	—17.2	113.76	—7.08	6.72
Barisal	29.774	—014	..	2.9	75.8	72.4	86.1	+0.2	70.8	+0.5	99.8	49.6	85	0	3.8	85	—17.3	75.17	—6.42	4.85
Narayanganj	29.770	—014	..	1.6	75.5	71.5	86.8	+0.5	70.5	0	100.7	50.6	81	—5	4.8	83	—9.4	71.72	—0.72	2.90
Mymensingh	29.737	—016	..	1.0	74.2	69.9	87.1	+2.4	69.8	+1.2	104.4	49.2	80	—7	5.2	81	—25.1	75.65	—13.18	6.02
Bogra	29.729	—005	..	1.0	74.1	70.9	87.9	+1.6	68.6	+0.5	110.5	45.1	85	+2	3.9	68	—17.3	71.10	+0.87	10.67
Dinaipur	29.660	—020	..	2.4	73.3	69.1	87.1	+1.0	71.1	+1.2	107.8	44.3	81	—2	3.4	78	—1.4	96.56	+26.88	10.40
Jalpaiguri	29.525	—006	..	1.1	71.3	68.3	85.5	+1.5	67.0	+0.9	98.2	45.6	86	—1	2.8	94	—3.7	123.53	+2.42	7.40
Saugor Island	29.768	—012	..	9.4	77.3	73.1	84.8	—0.8	72.6	—1.0	96.6	51.7	81	—4	5.3	74	—5.8	64.49	—5.09	5.87
Midnapore	29.625	—018	..	2.5	76.4	69.7	90.2	+0.2	70.7	+0.2	112.1	48.6	70	—6	5.1	65	—15.8	53.27	—5.15	6.83
Calcutta	29.758	—017	..	3.4	74.8	71.1	87.9	+1.1	70.9	+0.4	103.4	50.7	82	—1	4.8	85	—0.5	83.10	+21.28	7.60
Jessore	29.767	—002	..	2.3	74.8	70.9	87.1	—0.4	70.0	+0.2	103.3	46.5	81	—4	3.4	84	—4.2	86.14	+19.97	7.17
Khulna	29.771	..	..	2.2	75.7	71.8	87.2	..	70.1	..	100.4	48.1	82	..	4.4	88	..	69.25	..	5.05

(a) Mean of 11 months.

(b) Mean of 10 months.

ANNUAL TABLE B FOR 1922—contd.

Abstract of 8 hrs. observations.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during year.	Lowest temperature observed during year.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of year.	Departure from normal.	Heaviest rainfall during year.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
III.—Bengal—concd.																				
Satkhira	29.783	...	..	(a) 1.0	76.6	72.6	..	..	..	..	..	..	81	..	3.9	92	..	69.53	..	4.43
Burdwan	29.671	—0.27	..	1.4	74.8	69.9	89.5	+0.6	70.0	—0.5	112.0	47.6	77	—1	4.7	73	—3.6	74.37	+16.53	6.50
Asansol	29.352	..	..	..	75.3	63.5	89.7	..	66.7	..	114.6	44.2	71	..	4.5	78	+4.8	84.03	+31.69	6.05
Berhampore	29.727	—0.03	..	2.1	75.9	70.9	88.5	+0.8	70.1	+0.6	110.0	48.2	77	—6	4.7	79	+2.7	55.27	—0.83	2.88
IV.—Bihar and Orissa.																				
Balasore	29.730	—0.13	..	2.6	76.8	71.8	89.9	+1.3	70.2	—0.3	108.8	47.3	77	—4	4.3	73	—4.3	67.21	+5.12	5.50
Hukitala (False Point)	29.759	—0.09	..	7.5	..	..	..	..	..	..	..	..	..	..	4.2	80	+8.9	80.33	+17.46	12.67
Cuttack	29.709	—0.05	..	1.6	75.7	71.9	91.3	+0.1	69.6	—2.9	111.8	43.0	81	+2	3.5	69	—5.1	60.86	+1.58	6.30
Puri	29.775	+0.01	..	8.3	78.0	74.1	86.0	—0.3	74.0	+0.4	98.0	55.7	83	0	4.5	65	+4.1	56.95	+2.95	7.04
Angul	29.313	—0.19	..	4.3	75.6	69.8	90.5	+0.4	69.8	+0.5	110.8	43.4	73	—4	4.0	68	—2.0	46.28	—0.76	3.60
Sambalpur	29.283	—0.28	..	2.3	74.6	68.6	90.4	—0.4	69.1	—0.8	113.6	44.5	73	+3	2.6	75	+1.1	52.82	—11.00	4.43
Chaibasa	29.021	—0.23	..	1.8	73.3	67.4	90.4	+0.8	68.4	+0.7	113.0	43.8	74	—3	3.9	77	+2.3	50.12	—1.99	2.51
Ranchi	27.649	—0.01	..	3.3	71.1	63.1	83.7	—0.7	65.7	+0.2	106.6	41.2	65	—1	4.6	83	+8.3	60.43	+4.23	2.75
Purulia	28.971	+0.08	..	1.7	75.7	67.0	90.3	+0.9	69.3	+2.5	114.1	46.7	63	—10	4.6	76	+1.8	64.03	+11.58	6.44
Daltonganj	29.057	+0.02	..	3.1	70.9	64.9	89.5	+0.1	63.0	—2.3	114.4	36.1	74	+2	2.9	65	+3.9	61.03	+19.12	4.65
Purnea	29.656	—0.24	..	2.3	72.1	63.3	87.0	+0.4	66.2	—0.1	107.9	41.8	83	—2	3.0	78	+7.7	62.17	+0.45	4.49
Monghyr	29.618	..	..	3.1	74.2	67.9	87.6	..	69.1	..	110.2	46.4	73	..	3.5	72	+9.6	55.63	+1.69	5.23
Darbhanga	29.622	—0.06	..	1.6	73.8	68.5	87.2	+1.2	67.4	—0.7	111.2	44.9	73	—5	4.1	63	+3.9	59.94	+8.85	6.16
Pusa	29.589	..	..	3.3	73.2	68.6	88.4	..	66.8	..	112.8	42.9	80	..	3.6	65	+7.1	62.96	+13.83	6.76
Patna	29.594	—0.02	..	3.6	75.6	68.4	87.3	—0.3	69.6	+1.0	110.5	44.6	69	—3	3.8	64	+7.9	51.29	+3.31	3.93
Buxar	29.531	—0.12	..	3.3	72.8	67.1	88.7	0	68.4	+0.3	112.5	43.1	75	+7	3.9	56	+2.7	40.53	—0.56	2.20
Gaya	29.412	+0.01	..	2.1	77.1	67.6	89.4	—0.5	70.3	+1.5	115.2	46.5	61	—10	3.4	70	+12.9	54.13	+7.70	4.82
Naya Dumka	29.270	—0.25	..	1.7	76.0	68.2	88.4	+0.8	68.1	+0.2	111.4	44.5	67	—6	3.4	83	+6.7	70.91	+14.70	4.69
V.—United Provinces of Agra and Oudh.																				
Gorakhpur	29.530	+0.06	..	0.8	73.4	67.0	87.3	—0.5	67.0	0	110.4	42.5	73	—2	1.9	75	+17.9	38.06	+17.48	3.30
Benares	29.511	—0.04	..	2.1	75.8	67.7	89.5	—0.1	67.1	+0.4	115.0	40.5	67	—5	3.7	52	—9.1	52.69	—12.51	4.90
Allahabad	29.486	+0.12	..	2.5	74.9	66.3	90.7	+0.5	67.1	+0.3	117.2	41.1	65	—1	3.8	51	+1.9	45.08	+6.28	4.02
Cawnpore	29.366	+0.06	..	1.8	72.9	63.1	88.6	—0.6	67.6	+0.9	113.6	41.9	66	—5	2.3	53	+11.7	48.92	+13.02	5.40
Lucknow	29.402	—0.08	..	1.2	73.4	65.6	90.7	+1.0	66.9	+1.3	116.2	40.8	67	—2	2.8	56	+8.1	69.54	+31.01	4.65
Bahraich	29.362	—0.05	..	2.0	72.3	65.8	87.7	—0.6	66.3	+0.6	111.4	43.3	72	—3	2.4	61	+13.3	65.79	+29.47	5.93
Jhansi	28.964	—0.11	..	3.4	74.8	64.0	91.2	0	67.4	—2.1	116.6	39.6	56	—2	3.3	53	+6.2	37.85	+1.99	3.79
Agra	29.223	—0.05	..	2.2	76.2	65.7	90.4	0	68.4	+0.6	115.4	42.1	57	—3	3.2	39	+1.6	29.03	+2.40	2.80
Mainpuri	29.256	—0.04	..	1.0	73.1	65.2	89.9	—0.2	65.7	+0.2	116.5	39.1	67	+2	3.5	48	+9.7	34.54	+7.24	3.52
Bareilly	29.181	—0.21	..	1.6	71.3	65.4	85.1	—2.5	65.9	+1.2	109.9	43.2	74	+2	3.0	65	+18.0	65.61	+21.20	5.92
Roerkee	28.867	—0.03	..	1.3	68.2	62.3	85.8	—1.4	62.0	+0.3	110.8	39.9	74	+3	3.5	50	+2.6	46.90	+4.57	4.40
VI.—Punjab.																				
Delhi	29.062	+0.04	..	2.2	72.1	63.2	87.1	—1.6	(b) 68.5	(b) —0.1	113.8	42.0	61	+2	3.1	37	+0.3	23.86	—3.52	4.64
Hissar	29.048	+0.01	..	4.4	70.9	61.5	90.8	—0.6	64.1	0	114.8	35.4	59	—1	2.3	27	+3.2	16.84	+2.82	2.23
Patiala	28.900	—0.56	..	(b) 3.2	71.1	65.0	87.4	+0.3	64.6	+1.1	112.4	36.0	73	+6	3.2	39	+2.2	25.60	+0.01	3.15
Ambala	28.858	—0.17	..	3.1	70.5	61.9	88.4	+0.8	64.0	+1.3	114.3	40.0	63	—9	3.5	49	+6.3	33.14	+2.51	4.06

(a) Mean of 11 months.
(b) Mean of 10 months.

ANNUAL TABLE B FOR 1922—contd.

Abstract of 8 hrs. observations.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during year.	Lowest temperature observed during year.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of year.	Departure from normal.	Heaviest rainfall during year.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
VI.—Punjab—concd.																				
Ludhiana	28-947	—009	..	1-6	68-8	60-8	88-9	+1-0	64-0	+0-1	113-3	39-2	65	0	2-2	39	+2-7	20-41	—8-17	2-81
Lahore	27-059	—007	..	1-5	69-8	62-2	88-4	—1-8	63-9	+2-2	113-9	37-3	67	0	2-7	27	—1-1	18-36	—1-22	2-85
Sialkot	28-935	—006	..	1-5	70-2	63-3	85-7	—1-8	61-9	—0-9	114-9	34-7	71	+5	2-7	35	—5-4	30-18	—0-51	5-54
Rawalpindi	28-114	—003	..	1-4	67-1	59-0	83-8	—0-3	59-5	+1-8	113-7	33-7	65	0	1-2	60	+1-9	35-92	+1-86	2-70
Rhushab	29-175	+006	..	2-8	71-5	63-5	89-4	—0-3	62-8	—1-1	120-0	33-2	65	+10	2-3	22	—1-6	13-64	—1-21	1-66
Lyallpur	29-154	..	..	2-6	69-6	61-8	89-5	..	62-8	..	115-6	35-4	65	..	3-2	15	—5-1	5-85	—7-28	2-00
Montgomery	29-209	—004	..	3-0	71-6	62-1	89-9	—1-7	64-7	+0-5	112-6	37-2	59	+7	2-1	14	—4-5	7-77	—2-70	1-29
Multan	29-344	—002	..	1-8	72-2	63-5	91-1	—0-8	67-8	+2-2	113-3	40-8	63	+4	1-9	7	—5-5	3-03	—3-89	1-42
VII.—North-West Frontier Province.																				
Peshawar	28-690	—008	..	0-7	66-5	59-5	85-9	+0-6	59-9	+0-6	119-4	32-7	69	+6	2-1	23	—3-0	12-81	—0-61	2-09
Dera Ismail Khan	29-217	+012	..	1-5	71-1	61-6	88-2	—1-8	64-4	+2-0	117-4	38-0	58	—7	1-8	10	—6-3	4-51	—4-81	0-82
VIII.—Sind.																				
Jacobabad	29-596	+008	..	2-3	75-7	64-8	92-3	—3-3	67-3	+1-8	120-3	38-4	54	—4	0-9	1	—6-4	0-13	—3-46	0-10
Hyderabad	29-683	—010	..	6-0	74-5	65-5	93-8	+0-4	68-7	+0-5	116-7	41-0	60	+2	1-0	5	—4-3	2-66	—4-47	1-75
Karachi	29-797	—006	..	7-7	75-5	70-3	84-5	+0-4	71-7	+1-7	104-8	50-0	76	+3	3-8	2	—7-3	1-99	—5-65	1-35
IX.—Rajputana.																				
Bikaner	29-007	+002	..	4-7	74-4	62-3	93-2	+1-2	67-7	—1-6	114-6	37-5	49	—4	1-7	22	+3-2	9-59	—1-50	3-10
Jodhpur	29-018	0	..	3-6	74-0	61-2	92-6	0	68-1	+0-3	112-5	38-3	45	—4	3-1	21	+2-9	9-33	—3-30	1-55
Jaipur	28-376	+003	..	3-3	78-8	61-9	90-4	—0-5	64-9	—0-8	113-5	36-2	51	—4	2-9	29	—5-8	17-74	—5-89	2-83
Ajmer	28-180	—021	..	3-1	67-6	58-9	88-1	—0-7	65-2	+0-2	110-2	35-2	60	—3	1-6	27	—2-1	13-29	—6-92	2-57
Kotah	28-947	—015	..	1-8	77-2	63-8	92-0	—0-3	69-5	—0-6	114-6	44-6	48	—2	2-4	34	—0-2	26-52	+0-01	3-10
X.—Bombay.																				
Deesa	29-357	+007	..	5-8	74-5	64-7	94-6	+0-5	66-5	—0-5	114-2	40-2	57	+1	3-4	28	+0-1	27-34	+3-77	10-23
Bhuj	29-476	—005	..	6-1	76-9	68-9	90-8	—0-4	65-7	—2-9	108-6	39-1	64	—3	2-8	13	—3-3	10-21	—4-15	2-80
Jamnagar . . . . .	..	..	..	8-8	77-1	69-2	90-1	+0-5	69-6	(b) —0-5	106-3	43-2	66	—1	2-0	19	—1-8	10-00	—8-53	3-10
Dwarka	29-797	—007	..	8-7	76-3	71-3	85-0	+0-9	73-5	+1-0	102-1	52-4	77	0	3-2	12	—4-7	8-63	—5-87	3-08
Rajkot	29-382	—016	..	7-1	74-0	66-7	92-5	—0-5	66-5	+0-5	111-0	40-5	66	0	3-5	37	+6-2	16-08	—10-03	1-53
Veraval	29-817	0	..	8-8	75-6	69-2	84-5	—0-4	71-8	+0-8	101-6	52-5	71	0	3-2	22	—2-7	10-88	—7-40	2-83
Bhavnagar Para	29-786	+005	..	3-0	75-9	66-1	92-8	—0-8	68-2	(b) —0-9	111-6	40-8	57	—6	3-4	33	+3-1	18-05	—4-35	2-33
Surat	29-798	—002	..	3-1	76-9	69-3	90-8	—0-8	70-9	+1-2	109-6	49-2	67	—3	4-0	62	+15-8	40-68	—0-35	10-24
Ahmadabad	29-675	+006	..	3-7	76-1	66-7	94-6	+0-2	70-5	—0-2	113-2	49-1	59	+1	3-0	40	+5-9	37-69	+3-64	3-45
Bombay	29-798	—014	..	7-1	77-9	72-9	86-7	+3-7	75-2	+0-3	94-0	60-3	77	—1	4-1	80	+8-1	70-41	—0-74	8-47
Ratnagiri	29-621	—017	..	7-0	79-3	72-0	87-1	—0-2	73-9	+0-8	102-3	59-7	69	—4	3-6	101	+8-9	100-92	+0-60	6-22
Marmagao	29-784	—003	..	5-8	77-5	74-2	85-3	—0-6	74-8	—0-1	96-1	65-5	85	+2	5-5	103	+8-6	93-58	—0-26	6-48
Karwar	29-809	—003	..	2-0	78-1	73-0	87-0	+0-9	73-2	+0-5	94-2	57-5	86	+3	2-8	117	+13-8	113-61	—7-02	5-17
Malegaon	28-386	—012	..	(a) 5-8	75-3	63-8	91-0	(a) +0-1	65-5	+0-4	108-4	40-2	53	—5	3-8	23	—12-0	13-01	—9-57	1-90
Ahmadnagar	27-693	—008	..	5-2	74-6	63-4	89-4	0	65-1	+1-3	106-3	40-3	54	—8	3-7	36	+0-7	23-56	+1-23	4-05
Poona	27-999	—003	..	4-1	71-5	63-9	88-2	(a) —0-7	64-5	(a) —0-1	107-0	43-5	66	+3	4-0	47	+0-2	27-51	+0-26	2-47
Sholapur	28-243	—003	..	6-9	76-8	65-8	91-8	(a) —0-1	68-4	(a) +0-9	110-2	51-0	56	+1	2-3	28	—13-3	18-34	—10-18	4-60
Bijapur	27-888	—007	..	5-6	75-2	66-2	89-5	—1-2	68-4	+0-8	106-1	47-8	63	—4	4-1	27	—9-2	22-46	+1-96	4-45
Belgaum	27-312	—001	..	4-1	70-5	64-7	84-5	0	64-7	+0-8	101-2	52-4	73	+3	5-6	77	—4-2	45-65	—5-21	3-85

(a) Mean of 11 months.
(b) Mean of 9 months.

ANNUAL TABLE B FOR 1922—contd.

Abstract of 8 hrs. observations.

STATION.	PRESSURE.		WIND.	TEMPERATURE.									HUMIDITY.			Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.		Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	can minimum.	Departure from normal.	Highest temperature observed during year.	Lowest temperature observed during year.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of year.	Departure from normal.	Heaviest rainfall during year.
1	2	3	4		6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
XI.—Central India.																					
Neemuch	28-183	—012	..	4-1	75-5	65-7	88-3	—0-6	64-6	+0-1	110-4	39-0	60	+2	3-1	35	—0-3	39-03	+11-03	4-80	
Indore	27-994	—007	..	2-8	73-8	64-4	88-6	+0-5	64-2	+0-5	110-9	37-6	60	—2	3-8	53	+8-2	35-58	+3-24	2-61	
Newgong	29-028	—005	..	1-8	72-1	63-4	89-1	—0-3	65-1	—0-6	115-1	36-3	63	—2	3-3	59	+10-9	39-93	—2-98	4-17	
Sutna	28-731	—004	..	1-5	72-8	64-2	87-1	—1-1	66-5	+0-6	110-8	38-3	65	+4	3-0	63	+8-3	31-10	+16-76	6-21	
XII.—Central Provinces.																					
Buldana . . . . .	..	..	..	5-5	74-6	63-7	87-1	—0-5	68-1	+0-2	106-8	48-2	55	..	4-2	56	+4-5	32-57	—2-05	2-90
Akola	28-890	0	..	4-5	76-0	64-7	93-4	+0-4	68-1	+0-9	113-1	40-0	54	—3	3-9	43	—2-5	34-03	+2-04	3-63	
Amraoti	28-589	—007	..	4-7	76-9	64-2	91-8	—0-3	69-9	+0-9	111-6	49-3	51	—7	4-3	45	—2-8	29-86	—3-61	3-22	
Khandwa	28-764	—006	..	4-9	74-3	64-7	93-3	+0-9	66-1	—0-9	113-4	37-6	59	+2	3-8	41	+0-2	24-12	—5-42	2-64	
Hoshangabad	28-807	+002	..	2-3	72-1	64-0	89-9	—0-5	66-0	—0-9	111-9	41-2	65	+1	3-5	67	+12-1	45-88	—2-89	3-80	
Saugor	27-955	—045	..	4-3	72-4	61-2	88-1	+0-2	66-7	+0-2	111-2	43-0	55	—1	3-1	64	+8-9	48-39	+8-63	3-91	
Jubbulpore	28-443	—019	..	1-7	71-7	63-2	87-3	—1-2	65-4	+1-0	110-8	38-5	64	—3	3-7	68	—0-4	62-90	+7-59	4-40	
Seoni	27-775	—001	..	3-4	73-5	62-4	86-6	—1-3	65-3	+0-6	111-6	41-1	56	—6	3-7	67	—8-1	32-82	+0-36	2-57	
Nagpur	28-787	+006	..	4-1	76-8	64-6	91-8	—0-3	69-1	+0-3	113-1	44-8	51	—8	3-4	58	—4-5	42-80	—6-66	6-89	
Pendra	27-746	—011	..	3-4	74-3	64-9	86-3	+0-8	65-9	+0-9	109-2	46-6	62	+2	2-9	72	—0-1	43-25	—5-94	2-77	
Raipur	28-816	—004	..	2-3	75-7	65-7	90-1	—0-2	69-7	+0-6	112-9	45-9	60	—3	3-7	61	—2-8	50-52	+0-50	3-06	
Chanda	29-164	—016	..	3-1	77-2	67-6	91-9	—1-0	68-3	+0-2	114-5	42-0	62	—2	4-2	63	+0-2	62-73	+0-05	4-59	
Jagdalpur	27-993	..	..	2-3	73-4	66-9	88-3	..	65-7	..	107-2	40-3	72	..	4-5	85	+6-6	59-58	—1-75	3-13
XIII.—Hyderabad.																					
Aurangabad	27-937	—009	..	7-4	74-0	62-9	89-7	—1-1	67-1	+1-5	107-9	42-2	54	0	4-6	54	+10-4	33-77	+4-99	2-58	
Nizamabad	28-572	+008	..	2-4	76-6	67-2	91-6	0	68-5	+0-1	111-9	42-6	62	—4	4-3	66	+11-0	37-67	—3-16	3-90	
Gulbarga	28-322	—009	..	6-4	75-2	65-3	93-4	+0-8	69-0	0	110-5	45-3	59	—5	3-5	29	—18-9	17-98	—13-89	1-67	
Balchur	28-517	+008	..	7-6	77-0	68-2	92-8	+0-5	72-4	+0-7	109-3	54-2	63	0	3-1	35	—9-3	19-59	—8-05	2-52	
Hyderabad (Deccan)	28-116	+008	..	4-5	75-3	68-0	90-1	—0-4	69-6	+0-1	108-2	48-5	69	+1	4-9	51	+2-0	26-52	—4-80	3-67	
Hanamkonda	28-940	+006	..	3-8	78-2	69-7	91-3	—0-6	71-8	0	112-0	51-8	65	—1	4-2	62	+12-0	34-72	+0-19	2-14	
XIV.—Mysore.																					
Chitaldrug	27-457	0	..	4-9	73-0	67-7	86-7	—0-3	67-8	+0-4	100-2	54-8	75	+5	4-3	3	—4-4	25-40	+0-88	2-48	
Hassan	26-766	+007	..	6-1	71-0	65-3	83-2	—0-1	63-2	+0-8	96-6	49-6	74	—3	5-1	61	—5-5	29-82	—5-57	2-55	
Bangalore	28-678	—007	..	6-6	70-0	65-0	85-0	+0-5	64-1	—0-1	97-8	51-9	77	—1	5-9	67	+8-7	34-34	—0-76	2-81	
Mysore	27-356	—014	..	5-4	72-6	66-8	85-7	—0-7	65-7	—0-1	98-7	54-6	73	—4	4-2	60	+4-5	30-76	—0-45	2-02	
XV.—Madras.																					
Mangalore	29-789	—011	..	4-7	79-5	74-6	87-6	+0-2	74-2	+0-7	98-5	64-9	79	+2	5-1	132	+16-1	138-69	+12-26	4-99	
Calicut	29-834	—002	..	3-1	77-4	74-9	85-5	—1-2	74-6	+0-3	92-8	64-7	88	+5	6-5	126	+12-4	125-49	+8-20	10-40	
Cochin	29-865	+006	..	3-7	79-1	74-8	86-6	—1-2	74-7	—0-2	95-1	63-0	81	0	5-7	151	+22-3	132-91	+18-31	5-38	
Trivandrum	29-671	+013	..	4-0	77-0	74-2	83-5	—0-6	74-6	—0-6	90-1	68-4	87	+5	6-4	107	+12-6	79-33	+15-17	6-40	
Pamban	29-792	—014	..	3-3	81-2	77-1	86-6	+0-8	77-6	+0-4	93-4	74-3	82	+2	4-4	40	—5-7	26-43	—10-41	2-06	
Madura	29-372	—008	..	3-9	79-4	73-2	93-2	—0-6	74-3	+0-4	104-1	82-9	74	+2	6-4	57	+8-4	41-61	+7-98	4-15	
Pudukkottai	29-520	—007	..	4-2	79-3	72-4	93-5	+0-1	74-0	0	106-1	60-9	71	—2	2-5	60	+5-8	34-63	—0-72	2-45	
Negapatam	29-810	+002	..	6-9	80-4	73-8	89-7	—0-4	76-1	—0-1	103-6	66-2	73	—2	5-4	69	+12-9	44-46	—9-98	2-52	

(a) Mean of 11 months.

(b) Mean of 10 months.

X 2

ANNUAL TABLE B FOR 1922—contd.

Abstract of 8 hrs. observations.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during year.	Lowest temperature observed during year.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of year.	Departure from normal.	Heaviest rainfall during year.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
XV.—Madras—concl'd.																				
Trichinopoly	29.588	—004	..	4.4	80.7	73.7	94.7	+0.4	74.3	+0.1	106.5	59.2	71	—1	4.3	52	+5.8	39.97	+7.31	2.86
Coimbatore	28.504	—006	..	3.9	76.4	70.7	89.2	—0.8	69.4	—0.3	101.7	57.3	75	—8	3.9	46	+1.7	20.70	+4.50	3.62
Salem	28.929	—001	..	3.7	76.1	71.3	92.2	—0.9	70.9	—0.1	104.7	56.6	78	+1	4.4	79	+15.4	54.70	+15.27	4.32
Cuddalore	29.798	—003	..	5.6	79.9	74.2	99.6	0	74.7	+0.2	106.0	61.5	76	—5	5.5	66	+9.4	58.03	+5.35	6.87
Vellore	29.137	+003	..	3.4	77.2	72.4	92.7	+1.3	72.4	—1.7	107.8	55.0	79	+4	3.6	71	+15.0	49.95	+7.45	3.57
Madras	29.803	—012	..	4.5	80.6	74.7	91.5	+0.5	75.0	+0.2	109.7	61.1	76	—1	4.7	74	+16.8	65.74	+15.89	9.30
Cuddapah	29.403	—005	..	..	80.7	72.3	96.8	+1.0	74.9	+0.4	113.2	58.0	66	—1	4.8	51	+5.5	30.92	—0.11	2.50
Bellary	28.365	+002	..	5.0	77.8	69.0	93.1	—0.2	71.1	+0.2	109.3	55.9	64	+3	4.4	26	—8.8	16.89	—3.24	3.66
Kurnool	28.901	—002	..	5.1	77.1	69.1	94.2	+0.3	72.5	+1.7	110.4	52.4	66	—2	4.4	31	—16.0	11.51	—14.57	1.18
Nellore	29.748	—012	..	2.8	80.3	73.5	93.0	—1.0	75.1	0	109.2	63.4	73	—3	5.5	55	+12.3	42.21	+5.97	3.90
Masulipatam	29.804	—011	..	4.1	80.0	74.5	90.9	+0.4	74.2	—0.3	110.8	60.2	77	—5	5.1	59	+5.5	45.10	+4.89	7.00
Cocanada	29.784	—011	..	6.3	79.7	74.1	89.7	+0.2	75.2	+0.2	110.3	58.9	76	—1	5.4	46	—6.5	30.72	—7.61	3.37
Waltair (Vizagapatam)	29.760	—009	..	6.6	80.9	74.5	88.3	+1.3	76.5	+1.1	102.4	61.7	73	+1	6.1	36	—14.2	26.73	—10.52	4.19
Cal ngapatam	29.769	..	..	5.4	78.5	73.9	89.6	..	73.3	..	111.2	54.6	80	..	4.0	44	—5.7	24.08	—20.22	3.04
Gopalpur	29.734	—004	..	6.6	78.5	73.9	86.7	+0.7	73.2	+0.1	95.1	54.0	80	—1	3.6	42	—14.5	37.94	—7.36	6.48
Bay Stations.																				
P. V. Fraser	29.762	..	..	..	80.0	75.7	..	..	..	..	..	..	81	..	4.1	48	—6.2	35.07	—3.69	4.84
Port Blair	29.748	—034	..	7.1	79.8	76.3	85.5	—1.9	75.9	—1.1	91.6	69.3	85	0	6.2	148	+8.8	140.22	+23.15	8.20
Table Island (a)	29.676	—061	..	10.1	80.2	76.5	84.3	—1.6	77.2	—0.2	91.2	70.0	83	0	3.0	123	+21.5	87.70	+10.15	3.11
Kashmir.																				
Muzaffarabad	27.444	..	..	1.6	61.6	55.7	80.5	..	57.1	..	112.4	34.3	73	..	3.5	73	—5.1	38.91	—13.34	1.92
Srinagar	24.843	—012	..	1.9	54.1	49.7	68.0	+1.9	45.4	+1.3	96.1	21.7	71	—15	4.5	51	—8.2	17.63	—8.84	0.98
Gulmarg (g)	21.756	—024	..	4.7	61.9	57.1	70.3	+3.6	49.9	+1.8	80.8	35.8	77	—2	4.1	26	+2.3	10.80	—0.89	2.85
Dras	20.783	+020	..	3.1	31.6	..	47.8	—3.2	24.2	+2.9	84.9	30.1	..	..	4.2	55	—0.8	31.53	+10.31	3.11
Leh	19.671	0	..	1.4	37.5	..	54.1	—1.3	30.6	+1.0	83.1	1.3	..	..	6.1	9	—0.7	3.10	—0.11	0.35
Skardu	22.834	—012	..	3.3	45.7	..	61.9	—0.4	38.8	—1.6	99.8	0	..	..	4.4	20	+0.2	5.94	—1.72	0.70
Gilgit	25.123	+021	..	0.5	58.5	(b) 52.3	73.2	+0.6	51.5	—1.1	104.2	28.0	(b) 37	+7	4.4	14	—1.4	5.30	+0.69	1.07
Baluchistan.																				
Fort Sandeman	25.349	..	..	(a) 2.5	58.7	(b) 53.3	80.9	..	54.3	..	110.5	24.7	(b) 51	..	2.2	18	—7.6	7.91	—2.52	2.58
Quetta	24.583	—005	..	2.0	50.5	(d) 50.1	75.1	+1.5	44.5	+0.2	102.3	19.1	(d) 60	(d) +7	1.6	19	—5.5	5.14	—4.88	0.54
Chaman	25.607	—032	..	5.7	61.2	47.4	78.6	+1.1	55.4	+1.6	107.7	26.1	35	—11	2.2	15	—4.2	6.48	—0.64	0.91
Kalat	23.666	..	..	4.1	46.7	..	73.0	—0.7	39.5	?	99.6	10.6	..	..	1.2	14	—4.6	3.96	—3.00	0.56
Dallandin	27.037	..	..	4.2	63.1	51.2	88.7	..	55.0	..	115.4	22.3	44	..	2.6	4	—5.7	1.56	—2.21	0.92
Panni	29.783	..	..	6.7	71.7	67.6	86.8	..	65.1	..	109.9	47.0	81	..	3.5	4	—5.7	1.38	—6.01	0.46
Panjgur	26.667	..	..	4.3	60.7	54.0	86.7	..	57.9	..	110.9	29.4	64	..	1.6	4	..	1.55	..	0.95
Neistan	26.064	..	..	7	60.7	52.8	82.5	..	56.9	..	111.2	27.2	60	..	1.8	7	..	2.40	..	1.09
Mirjawa	27.156	..	..	3	62.4	50.1	87.9	..	(d) 63.4	..	115.2	35.6	(a) 41	..	(b) 0.6	3	..	4.08	..	1.20

(a) Mean of 11 months.
(b) Mean of 10 months.(d) Mean of 9 months.
(g) Observations from July to September only.
(h) Mean of 6 months.

ANNUAL TABLE B FOR 1922—concl'd.

Abstract of 8 hrs. observations.

STATION.	PRESSURE.		WIND.	TEMPERATURE.									HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean 8 hrs. pressure reduced to 32° and standard gravity.	Departure from normal.		Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during year.	Lowest temperature observed during year.	Mean humidity at 8 hrs.	Departure from normal.	Number of rainy days.	Departure from normal.	Rainfall of year.	Departure from normal.	Heaviest rainfall during year.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Hill stations, excluding Kashmir and Baluchistan.																				
Parachinar	24-385	—003	..	7-0 (b)	57-1	50-0	70-7	+0-6	48-1	—0-1	100-8	23-1	55	0	2-7	51	—13-6	19-53	—10-16	1-40
Cherat	25-659	+018	..	4-5	60-9	52-5 (b)	71-1	—1-9	57-1	+0-5	105-8	32-3	60 (b)	+7	1-4	37	—5-0	23-08	—1-02	3-60
Drosh (c)	24-999	..	..	2-5	55-9	51-2	71-3	—1-6	52-7	+1-1	107-3	24-6	59	—1	2-1	41	+0-7	20-30	+3-54	2-25
Murree	23-926	+003	..	3-0	55-6	48-1	63-5	—1-6	53-1	+2-9	94-2	29-7	59	+3	3-6	71	—6-1	38-95	—20-05	3-28
Simla	23-058	+012	..	3-9	54-3	48-1	60-1	—0-8	49-9	+0-2	78-5	29-6	56	—1	4-7	106	+20-0	80-88	+17-81	6-58
Chakrata	23-344	+012	..	7-5	55-9	49-2	65-9	+1-7	50-1	+0-5	88-7	27-9	63	—1	4-4	93	+4-2	56-80	—16-21	3-38
Mukteswar	22-781	—013	..	5-8	53-5	47-8 (a)	62-4	—1-7	49-3	+1-0	80-6	26-3	59 (a)	—2	4-3	90	+9-7	64-12	+11-78	4-35
Darjiling	22-909	0	..	1-0	52-9	49-9	60-3	+1-5	49-0	+1-6	71-7	32-1	81	—4	6-0	116	—6-4	111-47	—13-97	5-87
Kahimpong	25-920	..	..	6-6	62-3	55-9	71-1	..	58-3	..	82-8	31-0	82	..	4-5	91	..	86-41*	..	3-85
Shillong	25-118	+046	..	2-2	61-3	56-4	70-9	+0-8	55-3	+2-0	83-7	34-7	74	0	4-8	113	—11-5	76-30	—9-69	5-84
Cherrapunji	25-619	—007	..	3-3	63-9	58-7	69-8	+1-3	59-1	+1-9	80-0	42-5	73	—8	4-4	148	—12-2	419-39	—4-63	22-99
Maymyo	26-349	—022	..	1-1	62-8	61-1	76-4	—0-6	58-1	+2-1	89-0	31-6	90	+6	4-8	96	+4-4	67-44	+7-24	4-07
Pachmarhi	26-368	—013	..	3-5	67-7	59-7	80-8	+1-0	60-8	—0-2	105-0	34-1	66	+6	3-5	87	+10-3	58-70	—16-96	3-10
Mount Abu	25-979	+002	..	4-7	57-8	57-1	75-4	—0-5	61-5	—0-5	101-4	31-9	54	0	3-6	63	+10-2	52-95	—5-24	5-37
Mercara	26-167	+002	..	3-9	65-6	63-4	75-6	—1-0	61-0	—0-3	91-1	50-0	89	+4	7-5	140	+8-3	142-43	+15-96	6-05
Ootacamund	22-996	+011	..	3-8	58-3	52-1	67-2	+1-7	48-8	+0-4	79-2	30-3	69	+1	5-8	89	—18-1	44-29	—12-17	2-23
Kodaikanal	22-749	—018	..	7-9	57-2	50-8	66-0	+1-4	59-4	—0-7	76-0	36-8	67	—2	5-0	115	+7-4	86-52	+24-33	12-19
Extra India.																				
Trincomalee	29-739	+006	..	6-0	78-0	73-9	89-9	+1-3	76-2	—0-1	99-5	67-0	82	—2	5-8	72	—0-8	64-65	+2-50	4-98
Colombo	29-838	—004	..	3-5	76-0	73-7	85-6	—1-4	74-6	—0-9	95-6	65-1	89	+7	6-9	108	—2-2	88-87	+4-30	6-58
Hambantota	29-773	..	..	8-9	75-8	73-5	87-1	+0-5	74-7	+0-3	94-1	67-1	89	..	4-6	69	..	33-08	—4-86	2-68
Minicoy (a)	29-883	+017	..	4-6	..	..	..	..	..	..	..	..	..	..	4-3	94	+5-4	67-49	+7-58	3-59
Amini Divi	29-842	—015	..	7-7	82-5	76-2	88-7	+1-8	76-7	—0-3	96-2	67-1	74	—3	5-1	82	+6-9	53-91	+0-34	2-26
Gangtok	24-216	—104	..	1-2	57-4	54-1	60-2	+1-0	54-6	+8-8	85-1	38-0	82	0	5-8	159	—7-0	120-14	—16-29	5-11
Kashgar (c), (a)	25-471	—111	..	1-2 (b)	53-2	..	72-4	+3-1	45-1	—0-1	102-8	10-3	..	..	3-2	6	—2-2	4-17	+1-08	1-50
Mesherd	25-940 (a)	..	..	1-6	48-6	..	71-5	+2-9	43-4	—1-1	99-6	7-2	..	..	2-3	26	+3-0	13-94	+4-76	2-34
Jask	29-774	—038	..	9-4	76-7	70-7	88-7	+2-3	74-5	+0-9	113-1	57-1	73	+1	1-0	6	—2-9	3-84	—0-36	1-10
Muscat	29-801	—003	..	6-0 (a)	81-1	73-1	90-1	+5-0	77-6	—0-8	115-8	61-9	68	0	1-5	2	—6-8	0-48	—2-68	0-25
Bushire	29-807	—019	..	6-8	74-3	66-7	82-4	+0-3	69-4	+0-8	114-0	45-4	66	—3	2-2	4	—14-2	1-73	—9-12	0-42
Isfahan (c) (a)	24-202	—078	..	1-6	55-3	52-0 (c)	77-2	+1-4	49-6	+2-5	102-4	21-2	58 (c)	0 (c)	0-8	4	—7-9	3-13	—0-69	1-45
Tehran (c) (b)	25-658	—165	..	3-3	59-3	53-1	76-0	—2-5	..	..	99-1	..	54	+3	3-1	21	+2-0	7-45	+1-07	0-97
Baghdad	29-814	+054	..	..	68-0	56-3	86-9	+0-9	61-9	+1-8	120-9	32-2	52	—6	2-8	12	—4-3	6-01	—0-88	1-43
Aden	29-753	—006	..	6-9	79-4	72-9	86-9	—1-1	76-6	—1-4	96-4	60-7	72	—2	4-4	1	—2-8	1-30	—0-80	1-30
Zanzibar	29-919	+002	..	4-0	78-9	74-5	83-8	0	76-4	0	90-9	68-5	81	—2	6-5	79	—8-3	53-55	—7-97	3-23

(a) Mean of 11 months.
 (b) Mean of 10 months.
 (c) Aneroid.

(e) Mean of 9 months.
 * Total of 10 months.

**Table C.—Abstract of observations taken at 8 hrs. at 31
fourth class stations, in the year 1922.**

TABLE C.—JANUARY 1922.

Abstract of 8 hrs. observations.

STATION.	WIND.		TEMPERATURE.								HUMIDITY		Mean cloud amount at 8 hrs.	RAINFALL.				
	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Assam.																		
Bishnath	54.8	53.0	74.2	+1.4	37.0	-7.9	79.9	32.9	86	-8	..	3	+0.8	1.94	+0.98	1.26
Borjuli	59.4	56.4	83.9	+9.1	49.3	+1.4	87.2	44.6	82	-9	..	2	+0.2	0.86	+0.14	0.45
Chandkhira	56.5	53.7	78.1	+0.2	42.7	-6.6	100.0	40.2	84	-10	..	0	-1.8	0	-1.38	0
Doom Dooma	52.9	52.3	73.0	+8.9	49.9	+4.8	78.3	44.4	96	+1	..	7	+3.5	1.90	+0.28	0.60
Dikom	52.4	52.2	73.3	+1.8	48.4	+3.0	78.0	44.4	92	-4	..	5	+1.0	1.21	-0.20	0.28
Gotaghat	56.1	55.5	70.5	-1.6	47.1	..	75.9	42.2	96	+4	..	4	+0.9	0.68	-0.32	0.21
Haitakandi	56.1	55.4	78.8	+1.3	52.7	+2.0	82.2	48.6	96	+2	..	0	-1.7	0	-1.54	0
Jorehat	53.8	53.0	72.9	+0.5	47.5	-1.7	77.1	43.7	95	0	..	3	+0.5	0.84	-0.30	0.31
Lumding	53.8	53.0	76.0	..	50.0	..	81.9	44.0	96	..	..	2	+1.0	0.44	-0.03	0.21
Messa	63.1	58.0	77.5	-1.8	48.6	+4.0	81.8	43.2	72	-6	..	3	+1.6	0.66	+0.01	0.28
Panerihat	52.5	51.3	74.6	+0.2	43.9	-2.3	80.1	42.8	92	-3	..	2	+0.8	0.75	+0.36	0.50
Bengal.																		
Brahmanbaria	66.2	56.1	87.5	+9.8	50.5	-2.4	88.6	48.7	49	-38	..	0	-1.0	0	-0.29	0
Goalundo	58.9	56.6	78.6	+1.3	51.7	+1.4	84.5	45.0	85	-1	..	0	-0.8	0	-0.25	0
Patna	59.1	56.3	80.1	+0.9	52.9	+1.9	86.5	46.6	84	+3	..	0	-0.6	0.05	-0.27	0.05
Dam Dim	55.5	54.4	78.4	-2.3	49.4	+5.5	85.3	41.7	94	-2	..	3	+1.9	1.66	+1.17	0.90
Kaichini	57.2	55.0	75.1	0	48.8	+3.2	80.1	42.5	85	+5	..	1	+0.1	0.94	+0.54	0.94
Nagrakata	63.9	58.6	73.7	-0.6	52.7	+1.7	77.1	45.0	72	-9	..	5	+3.8	1.07	+0.45	0.39
North-West Frontier Province.																		
Bannu	47.4	42.9	64.2	..	40.2	..	69.2	34.6	67	..	..	..	..	..	..	..
Central Provinces.																		
Chhindwara . . .	N 21° E	1.3	56.5	52.2	76.5	..	51.7	..	83.7	43.3	75	..	2.6	3	+2.1	1.42	+0.90	0.68
Madras.																		
Anantapur	70.7	65.9	85.8	..	64.3	..	89.3	59.1	77	..	3.6	2	+1.8	5.10	+5.07	3.25
Guntur	71.5	68.3	87.3	..	66.4	..	90.8	62.5	84	..	0.2	1	+0.4	0.24	-0.04	0.24
Koraput	59.6	56.8	77.9	..	52.2	..	83.7	45.8	85	..	..	1	..	0.58	..	0.56
Kashmir.																		
Jammu . . .	N 22° E	..	50.0	47.3	63.0	..	47.6	..	70.0	43.6	81	..	5.3	7	+2.0	2.62	-0.64	0.64
Kargil . . .	W	..	12.0	..	25.3	..	-5.8	..	32.3	-20.4	..	..	3.8	4	-1.3	1.25	-0.74	0.25
Hill stations, exclusive of Kashmir.																		
Panighatta	58.9	54.6	73.8	+0.5	53.8	+1.7	76.7	50.7	74	+5	..	4	+3.1	2.84	+2.32	1.75
Kurseong	47.9	47.0	53.0	-3.3	40.0	-4.8	57.9	36.1	93	+17	..	5	+3.6	3.08	+2.57	2.16
Poo . . .	N 1° W	..	..	..	37.6	-2.5	19.5	-4.3	44.8	12.9	..	..	6.0	9	+3.7	3.04	+0.86	0.49
Pishin	50.8	-0.4	22.4	-1.9	61.5	14.0	..	..	3.1	7	+3.0	1.79	-0.09	0.54
Extra India.																		
Chumbi . . .	N	..	22.9	..	40.9	..	19.1	..	43.0	16.3	..	..	4.7	0	-1.4	0	-0.37	0
Abadan	55.6	51.5	65.4	..	48.8	..	72.0	37.0	76	..	..	2	..	0.42	..	0.16

(a) Mean of 23 days.

TABLE C.—FEBRUARY 1922.

Abstract of 8 hrs. observations.

STATION.	WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Assam.																		
Bishnath	58.6	56.0	79.3	+4.7	42.3	-6.0	87.9	31.9	89	-5	..	1	-2.5	0.54	-0.91	0.50
Borjuli	64.7	61.0	90.0	+13.4	53.4	+5.5	92.4	42.6	80	-9	..	1	-2.1	0.18	-1.17	0.14
Chandkhira	56.9	54.4	86.0	+5.0	38.8	-12.8	100.0	30.9	86	-7	..	0	-2.8	0.03	-1.73	0.03
Doom Dooma	54.9	53.9	78.4	+13.6	50.4	+0.7	87.1	42.2	92	-2	..	1	-6.5	0.35	-2.47	0.14
Dikom	57.3	55.1	78.5	+5.7	50.6	+0.3	87.8	41.4	86	-8	..	1	-5.6	0.27	-2.15	0.15
Golaghat	59.1	58.1	76.5	+2.5	48.3	..	86.9	40.0	94	+1	..	1	-3.4	0.22	-1.52	0.22
Hailakandi	58.3	56.1	83.7	+4.2	52.1	-0.1	91.0	45.4	87	-3	..	0	-3.4	0.03	-1.80	0.08
Jorehat	57.4	56.0	77.3	+3.3	55.3	+3.0	86.9	44.7	91	-3	..	1	-3.6	0.20	-1.42	0.29
Lumding	56.4	54.2	81.8	..	49.5	..	92.9	42.0	87	..	..	0	-3.5	0.05	-1.37	0.06
Messa	66.5	60.6	82.5	+2.7	51.4	+3.5	92.1	42.1	69	-13	..	0	-3.5	0.05	-1.37	0.06
Panerihat	55.2	53.7	73.1	-2.0	48.5	+0.5	88.3	39.1	90	+1	..	1	-2.0	0.20	-1.23	0.15
Bengal.																		
Brahmanbaria	68.1	57.7	90.0	+0.5	52.2	-3.4	94.0	49.3	49	-33	..	0	-2.4	0.08	-1.30	0.08
Goalundo	64.0	58.9	84.7	+4.6	49.5	-2.6	95.1	44.0	70	-11	..	0	-2.5	0.03	-1.26	0.03
Pabna	64.5	60.0	85.9	+3.3	56.7	+3.8	95.3	48.7	76	+2	..	1	-0.8	0.12	-0.72	0.12
Dam Dim	59.3	57.3	81.5	+0.6	51.3	+5.6	89.0	40.8	88	-5	..	1	-1.3	0.20	-0.88	0.20
Kalchini	63.4	59.4	80.1	+3.9	53.4	+4.6	86.1	44.0	78	+1	..	1	-1.9	0.01	-1.38	0.01
Nagrakata	69.8	61.0	79.3	+2.8	57.2	+3.4	87.1	48.0	58	-17	..	0	-3.4	0.05	-1.32	0.05
North-West Frontier Province.																		
Bannu	51.6	47.7	69.8	..	45.4	..	76.4	36.4	74	..	..	0	..	0	..	0
Central Provinces.																		
Chhindwara	N 22° E	0.9	62.1	53.7	85.1	..	55.4	..	93.7	41.4	55	..	1.7	1	-0.7	1.21	+0.46	1.07
Madras.																		
Anantapur	72.8	64.1	91.5	..	64.5	..	97.5	60.6	61	..	1.2	0	-0.2	0	-0.02	0
Guntur	73.0	67.7	92.2	..	66.7	..	97.8	61.6	75	..	..	0	-0.2	0	-0.17	0
Koraput	64.2	55.6	83.7	..	54.2	..	90.8	45.8	59	..	..	0	..	0	..	0
Kashmir.																		
Jammu	N 8° E	..	56.4	51.3	70.3	..	52.4	..	79.9	44.2	70	..	3.5	1	-3.2	0.89	-2.32	0.74
Kargil	N	..	12.3	..	30.8	..	-0.2	..	47.3	-18.0	..	..	6.9	4	+0.5	1.50	+0.12	0.77
Hill stations, exclusive of Kashmir.																		
Panighatta	63.9	57.2	78.7	+3.6	58.7	+5.2	86.5	50.1	64	0	..	0	-2.4	0	-1.19	0
Kurseong	48.9	48.0	54.2	-4.2	40.6	-5.1	59.2	36.1	93	+21	..	0	-3.3	0.05	-1.52	0.05
Poo	N 20° E	..	..	..	42.1	+1.6	24.7	+1.3	54.5	15.8	..	..	4.1	7	+1.4	1.97	-0.27	0.48
Pishin	54.2	-1.1	25.0	-2.6	65.3	15.4	..	..	3.5	4	+0.2	2.04	+0.15	0.71
Extra India.																		
Chumbi	24.4	..	41.3	..	21.3	..	43.0	19.2	..	..	3.2	2	-1.7	0.61	-0.77	0.33
Abadan	N 11° E	..	56.2	51.1	66.1	..	48.9	..	73.5	41.0	71	..	..	2	..	0.65	..	0.46

TABLE C.—MARCH 1922.

Abstract of 8 hrs. observations.

STATION.	WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Assam.																		
Bishnath	66.3	64.5	87.4	+5.4	51.7	-3.5	92.1	40.1	90	-2	..	3	-1.9	3.40	+1.01	2.90
Borjuli	71.1	68.6	90.9	+7.6	59.6	+2.6	92.4	49.0	87	+9	..	2	-2.6	2.14	+0.17	1.93
Chandkhira	67.5	62.1	92.0	+4.2	51.5	-5.9	99.8	40.2	74	-13	..	6	+1.1	1.63	-2.29	0.54
Doom Dooma	62.9	60.9	80.7	+6.7	59.0	+2.5	90.3	50.2	89	-5	..	11	+0.7	5.90	+0.35	1.18
Dikom	64.2	61.4	81.4	+3.1	59.1	+1.7	89.4	48.6	85	-6	..	9	-0.4	4.44	-0.15	0.88
Golaghat	65.0	64.0	82.6	+2.3	55.7	..	88.3	45.2	94	+7	..	4	-2.3	1.83	-0.80	0.81
Hallakandi	68.5	65.0	89.7	+4.0	62.8	+2.6	95.0	51.2	82	-5	..	9	+2.2	3.72	-1.85	0.83
Jorhat	65.0	62.5	82.1	+1.8	63.2	+4.5	88.9	55.3	86	0	..	5	-1.8	3.84	+0.78	2.31
Lumding	67.7	62.5	89.7	..	59.9	..	95.9	45.5	75	..	0	2	-3.4	0.84	-1.47	0.67
Messa	74.8	64.7	89.6	+2.5	59.1	+3.9	96.0	48.9	55	-22	..	1	-3.3	0.42	-1.82	0.42
Panerihat	61.7	58.2	86.8	+5.0	53.5	-1.7	92.4	40.2	80	-1	..	1	-4.0	0.88	-1.80	0.88
Bengal.																		
Brahmanbaria	74.4	62.3	95.4	+7.3	55.1	-8.8	98.6	53.3	47	-32	..	2	-2.4	0.83	-2.83	0.70
Goalundo	74.7	68.3	95.5	+5.8	63.4	+2.3	102.7	46.0	71	-5	..	1	-2.7	0.33	-2.01	0.30
Pabna	74.1	67.6	95.6	+4.0	64.3	+2.6	102.5	51.6	70	-5	..	0	-2.8	0	-1.36	0
Dam Dim	64.5	60.5	88.2	+2.5	56.0	+2.9	92.1	41.4	78	-10	..	1	-2.7	0.23	-1.90	0.23
Kalchini	69.4	64.4	87.0	+3.3	56.8	+1.7	91.6	42.5	75	+1	..	1	-2.5	0.98	-1.01	0.89
Nagrakata	75.4	64.1	86.6	+3.0	60.8	+1.6	90.6	49.2	51	-21	..	0	-4.2	0	-2.29	0
North-West Frontier Province.																		
Bannu	62.1	55.7	70.2	..	54.1	..	89.8	40.6	65	..	..	..	..	..	..	..
Jandula	64.2	53.1	77.8	..	..	..	88.9	..	46	..	..	2	..	0.29	..	0.16
Central Provinces.																		
Chhindwara . . .	N	0.6	73.4	57.6	94.1	..	62.9	..	100.6	50.3	34	..	0.4	0	-2.3	0.01	-0.76	0.01
Madras.																		
Anantapur	80.1	71.7	99.5	..	70.5	..	105.0	61.1	66	..	0	0	-0.3	0	-0.18	0
Guntur	79.1	74.3	98.9	..	72.8	..	106.1	67.1	79	..	0	0	-1.0	0	-1.64	0
Koraput	73.2	62.6	92.7	..	63.3	..	97.7	55.0	55	..	0	0	..	0	..	0
Kashmir.																		
Jammu . . .	N 24° E	..	67.4	55.4	82.5	..	60.9	..	91.3	48.1	45	..	4.3	2	-2.8	0.60	-2.62	0.33
Kaigil . . .	E	..	28.7	..	42.4	..	11.6	..	54.3	-6.4	..	..	5.0	6	+4.1	2.20	+1.25	0.57
Hill stations, exclusive of Kashmir.																		
Panighatta	70.3	59.5	87.5	+4.3	65.8	+4.8	91.9	51.1	50	-5	..	0	-3.5	0	-2.35	0
Kurzcong	57.2	56.3	64.0	-2.9	48.8	-4.3	68.8	45.3	94	+33	..	0	-3.8	0	-2.82	0
Poo . . .	S 82° E	..	..	..	52.6	+4.6	33.4	+2.3	68.7	23.8	..	..	4.8	5	-1.1	1.88	-1.27	0.58
Pishin	66.0	+0.9	31.7	-4.5	75.1	16.0	..	..	2.5	4	-0.7	1.08	-0.98	0.39
Extra India.																		
Chumbi	29.1	..	50.0	..	25.6	..	55.0	20.8	..	..	2.4	0	-5.0	0	-2.25	0
Abadan . . .	N 5° W	..	65.0	57.0	77.1	..	56.5	..	93.0	46.0	64	..	..	1	..	0.30	..	0.30

a = Mean of 30 days.

TABLE C.—APRIL 1922.

Abstract of 8 hrs. observations.

STATION.	WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Assam.																		
Bishnath	73.7	71.8	87.6	+4.5	57.2	-5.5	93.9	51.9	91	0	..	10	-3.4	8.22	+0.76	2.41
Borjuli	74.9	71.3	93.4	+7.4	66.0	+1.5	95.2	60.6	83	-3	..	9	-2.4	5.80	-0.52	1.63
Chandkhira	73.8	70.5	93.1	+4.1	60.5	-5.8	100.1	50.6	86	0	..	7	-5.3	8.77	-2.21	3.59
Doom Dooma	70.4	66.5	83.5	+4.6	65.2	+3.1	92.3	62.0	81	-11	..	13	-1.9	6.88	-3.80	2.68
Dikom	70.3	67.1	84.1	+3.9	65.4	+1.4	92.2	61.6	84	-6	..	10	-4.3	7.76	-3.02	2.80
Golaghat	71.4	69.9	85.9	+3.8	62.5	..	92.9	59.2	93	+4	..	7	-6.7	2.12	-4.95	0.48
Hailakandi	75.8	71.3	92.0	+4.7	70.1	+2.4	97.4	64.2	79	-9	..	9	-5.6	9.37	-5.20	3.85
Jorehat	73.1	68.7	85.1	+3.3	70.9(k)	+5.2	91.9	68.3	80	-7	..	11	-4.1	6.51	-2.86	2.27
Lumding	77.7	72.3	94.3	..	67.0	..	102.1	54.0	77	..	0	6	-2.9	1.78	-2.32	0.56
Messa	82.0	70.7	94.0	+4.2	68.1	+3.9	99.9	61.8	56	-23	..	8	-4.2	2.66	-3.45	0.75
Panerihat	69.2	67.4	89.1	+5.6	61.7	-1.9	93.9	56.0	91	+5	..	8	-4.2	15.71	+7.90	6.70
Bengal.																		
Brahmanbaria	82.0	70.1	98.0	+6.6	62.8	-7.6	100.8	57.1	53	-27	..	4	-4.6	1.99	-5.40	0.68
Goalundo	83.3	76.4	98.5	+3.5	73.7	+2.0	108.5	64.0	72	-5	..	3	-3.1	1.75	-2.32	0.85
Pabna	81.8	75.8	99.0	+1.8	72.4	+1.8	106.9	66.4	75	-4	..	3	-1.5	3.84	+0.92	1.08
Dam Dim	71.2	67.5	92.3	+3.0	65.6†	+1.4	96.4	56.7	82	-4	..	4	-3.1	3.79	-1.15	1.44
Kalchini	78.0	69.5	91.0	+3.8	67.0	+1.5	94.6	59.0	63	-15	..	4	-5.6	2.44	-3.95	1.30
Nagrakata	81.5	70.5	89.5*	+1.8	67.8	+1.5	94.1	61.0	57	-16	..	7	-2.1	5.26	-0.99	1.98
North-West Frontier Province.																		
Bannu	72.9	63.2	89.2	..	62.6	..	99.2	55.0	58	..	0	0	..	0	..	0
Jandula	75.9	59.3	87.3	..	66.5	..	96.5	57.5	37	..	..	3	..	1.17	..	0.90
Central Provinces.																		
Chhindwara . . .	N 8° W	1.2	84.8	65.5	100.2	..	72.3	..	106.4	64.3	33	..	1.8	1	-0.9	0.13	-0.50	0.12
Madras.																		
Anantapur	84.4	76.2	102.8	..	77.0	..	107.5	72.0	68	..	3.9	0	-0.8	0.08	-0.29	0.08
Guntur	84.3	77.9	102.4	..	78.6	..	112.4	74.2	74	..	0	0	-1.7	0	-0.60	0
Koraput	78.0	66.5	96.9	..	70.1	..	100.2	64.8	54	..	0	3	..	0.52	..	0.24
Kashmir.																		
Jammu . . .	N 16° E	..	78.4	60.6	91.7	..	70.3	..	101.7	62.1	33	..	3.5	1	-2.8	0.27	-1.31	0.10
Kargil . . .	S 81° W	..	43.1	37.0†	59.4	..	25.9	..	68.1	21.0	56†	..	4.3	2	-1.7	5.90	+3.96	3.00
Hill stations, exclusive of Kashmir.																		
Panighatta	77.3	65.5	92.3	+4.7	73.8	+7.0	97.5	61.7	51	-10	..	5	-1.1	2.23	-1.73	1.08
Kurseong	63.0	62.1	71.5	+0.1	54.4	-3.4	73.3	52.8	95	+22	..	5	-2.3	1.91	-2.38	0.44
Po o . . .	S 56° E	..	..	..	57.4	-1.5	38.3	-0.5	68.1	32.0	..	..	4.4	8	+3.6	3.96	+1.78	1.13
Pishin	79.0	+3.2	41.1	-2.3	88.2	33.2	..	..	0.7	0	-2.1	0.08	-0.75	0.08
Extra India.																		
Chumbi	41.0	40.0	56.5	..	37.0	..	59.0	28.6	93	..	3.4	2	-8.3	0.63	-2.95	0.37
Abadan . . .	N 32° W	..	81.0	65.0	90.4	..	65.2†	..	99.0	60.0	45	..	..	0	..	0	..	0

* Mean of 20 days.
 (k) Mean of 23 days.

† Mean of 29 days.
 ‡ Mean of 28 days.

TABLE C.—MAY 1922.

STATION.	WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Assam.																		
Bishnath	75.9	73.3	87.6	+0.8	60.6	-6.7	95.9	52.7	88	-4	..	14	-0.9	11.36	+1.53	2.35
Borjuli	78.3	74.3	95.4	+7.5	71.6	+1.7	96.4	65.6	83	-4	..	13	-1.6	7.38	-2.34	1.24
Chandkhira	77.7	71.2	91.9	+2.2	62.5	-6.7	99.7	51.0	73	-11	..	11	-5.8	6.75	-10.10	2.64
Doom Dooma	76.8	74.7	88.7	+2.4	71.5	+3.4	98.8	63.2	91	-1	..	11	-1.6	7.33	-1.45	1.50
Dikom	77.3	73.4	88.8	+2.6	71.7	+1.7	98.8	65.0	83	-4	..	11	-3.5	8.93	-1.93	1.82
Golaghat	75.2	73.2	87.8	+2.0	68.2	..	93.9	61.2	90	0	..	13	-0.8	7.12	-1.88	1.20
Hailakandi	79.4	74.7	91.7	+1.6	73.4	+1.5	96.0	65.6	80	-7	..	9	-7.2	8.21	-8.48	2.05
Jorehat	78.6	74.5	88.2	+2.0	75.3	+4.2	95.1	67.3	82	-4	..	14	-0.7	9.25	-1.69	2.20
Lumding	80.0	74.3	95.8	..	73.2	..	103.1	65.0	76	..	..	6	-3.9	3.84	-1.71	1.32
Messa	83.1	74.9	92.5	+0.9	71.3	+2.6	99.1	63.7	67	-14	..	11	-3.6	5.83	-2.66	1.38
Panerihat	73.8	73.0	88.5	+3.5	66.8	-2.0	95.6	60.8	96	+5	..	11	-3.4	11.52	+0.43	1.83
Bengal.																		
Brahmanbaria	84.5	78.0	98.5	+7.6	71.9	-1.8	100.8	66.9	77	-5	..	6	-7.3	3.08	-11.64	1.11
Goalundo	85.3	79.9	98.2	+5.6	75.7	+2.3	104.7	65.4	78	-1	..	3	-7.5	3.64	-4.86	2.65
Pabna	84.0	79.1	98.1	+2.4	75.8	+2.5	105.5	67.8	80	-2	..	8	-1.7	3.99	-3.66	1.41
Dam Dim	75.3	73.3	91.9	+1.4	71.8	+1.9	100.7	68.2	90	+1	..	12	-3.4	14.33	-1.18	3.71
Kalchini	79.3	74.4	89.9	+1.1	70.7	+0.6	96.6	65.0	79	-3	..	17	+1.8	23.62	+8.70	4.21
Nagrakata	80.6	74.6	85.6*	-2.7	71.1	+0.9	91.1	66.5	76	-7	..	13	-3.4	17.67	+3.07	3.10
North West Frontier Province.																		
Bannu	80.6	64.3	97.3	..	69.9	..	108.8	58.0	38	..	0	0	..	0	..	0
Jandula	84.9	63.1	95.4	..	74.3	..	107.3	59.6	28	..	..	3	..	0.38	..	0.15
Central Provinces.																		
Chhindwara . . .	N 42° W	1.5	89.4	71.2	104.7	..	78.8	..	108.4	71.3	36	..	2.2	0	-1.3	0.10	-0.36	0.07
Madras.																		
Anantapur	84.3	82.0	102.8	..	78.6	..	108.0	69.1	91	..	1.6	4	-0.4	1.80	-0.42	0.85
Guntur	86.2	79.6	105.6	..	81.4	..	112.7	74.6	68	..	..	3	+0.7	1.00	-0.49	0.49
Koraput	79.8	69.0	97.5	..	73.2	..	102.2	68.3	58	..	0	7	..	2.01	..	0.92
Kashmir.																		
Jammu . . .	N 13° E	..	88.9	63.8	101.7	..	79.4	..	108.0	70.7	21	..	2.5	0	-1.8	0.04	-0.51	0.04
Kargil . . .	W	..	52.9	43.9	68.2	..	34.8	..	77.3	27.0	50	..	3.6	4	+1.9	1.14	+0.05	0.51
Hill stations, exclusive of Kashmir.																		
Panighatta	78.8	71.5	89.5	+1.6	78.0(a)	+7.9	94.9	70.1	69	-4	..	10	-3.3	11.96	+0.53	3.84
Kurseong	63.4	62.6	74.3	+1.6	54.8	-5.9	77.3	52.3	95	+16	..	13	-2.2	12.01	+0.48	4.76
Poo . . .	N 53° W	..	..	..	69.6	+1.4	46.4	-0.3	75.4	41.6	..	..	2.1	0	-2.2	0.15	-0.76	0.05
Pishin	82.1	-6.3	44.5	-6.4	95.4	34.8	..	..	0.6	1	+0.5	0.19	+0.03	0.17
Extra India.																		
Chumbi
Abadan . . .	N 48° W	..	92.0	68.0	103.5	..	73.9	..	119.8	64.0	30	..	..	0	..	0	..	0

* Mean of 7 days.
(a) Mean of 27 days.

TABLE C.—JUNE 1922.

STATION.	WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Assam.																		
Bishnath	80.4	78.7	91.2	+1.9	65.1	-6.2	94.9	60.3	92	-1	..	23	+6.8	17.94	+3.55	2.88
Borjuli	80.9	77.3	95.6	+6.2	74.9	+0.2	97.0	71.8	85	-7	..	16	-0.5	15.14	+1.04	3.49
Chandkhira	76.2	73.9	91.5	+4.3	69.6	-4.5	100.0	60.7	91	+2	..	23	+0.8	18.93	-0.32	4.57
Doom Dooma	79.3	78.6	89.0	-0.5	75.0	+1.1	99.3	69.0	97	+3	..	21	+3.7	25.45	+3.77	7.80
Dikom	79.2	76.7	89.6	+0.6	75.4	+0.4	99.2	69.0	88	-2	..	20	+1.7	16.89	+0.71	2.80
Golaghat	78.8	77.2	88.9	+1.0	72.8	..	93.9	68.2	92	+3	..	18	+2.0	9.91	+0.26	1.63
Hallakandi	81.2	78.4	90.1	+0.6	76.7	+1.8	96.8	70.2	87	-3	..	22	+1.1	15.43	-8.16	1.80
Jorehat	80.7	77.7	89.5	-0.2	76.5	+0.9	95.5	70.3	87	+1	..	19	+2.5	15.76	+5.33	2.78
Lumding	81.5	77.8	92.8	..	77.3	..	99.1	72.5	84	..	..	12	0	6.61	-2.92	1.23
Messa	84.0	78.3	92.4	+0.3	75.3	+1.0	97.0	72.1	76	-6	..	18	+1.5	13.60	+1.18	2.55
Panerihat	78.3	77.1	88.2	+0.8	70.4	-3.3	94.1	64.1	95	+2	..	12	-2.5	13.84	+0.34	2.40
Bengal.																		
Brahmanbaria	81.2	76.1	90.7	+1.7	71.3	-4.6	92.6	68.3	78	-9	..	19	+2.7	16.26	-0.92	2.20
Goalundo	83.1	80.3	89.3	-0.6	76.2	-0.4	96.1	68.0	88	+3	..	22	+6.5	19.44	+5.92	4.21
Pabna	82.6	79.2	90.5	-2.8	75.8	+2.0	98.4	66.4	86	+1	..	17	+2.2	13.24	+1.43	2.71
Dam Dim	77.4	76.4	89.8	-0.9	74.3	+0.8	97.9	70.0	95	+1	..	22	+1.5	22.10	-5.62	4.04
Kalchini	80.5	77.2	88.2	-0.2	74.1	+0.3	94.6	68.0	86	-1	..	21	+2.1	27.10	+1.83	3.55
Nagrakata	80.9	77.1	88.1(m)	+0.3	74.3	+0.2	93.1	70.0	85	-4	..	20	-1.5	17.98	-10.00	2.69
North-West Frontier Province.																		
Bannu	88.6	73.6	105.3	..	79.1	..	117.2	71.0	47	..	0	0	..	0	..	0
Jandula	90.9	71.2	102.5	..	93.1	..	114.3	70.6	39	..	..	4	..	1.78	..	0.69
Central Provinces.																		
Chhindwara . . .	N 50° W	1.5	80.9	72.7	94.1	..	75.5	..	102.6	70.4	68	..	9.3	11	+1.4	8.51	+2.29	2.18
Madras.																		
Anantapur	81.7	74.0	97.0	..	76.2	..	100.3	73.1	69	..	7.4	3	-1.0	1.23	-0.50	0.73
Guntur	87.2	76.3	101.2	..	81.1	..	108.4	73.8	60	..	3.1	8	+0.5	3.83	-0.82	1.12
Koraput	74.5	69.8	85.4	..	70.6	..	97.2	65.8	80	..	..	15	..	7.18	..	1.25
Kashmir.																		
Jammu . . .	N 60° E	..	89.6	72.0	101.2	..	82.8	..	111.7	71.3	43	..	4.3	4	-0.5	2.21	-0.73	1.65
Kargil . . .	N 86° W	..	64.2	49.9	79.5	..	44.3	..	98.3	36.4	35	..	3.7	0	-1.0	0	-0.15	0
Hill stations, exclusive of Kashmir.																		
Panighatta
Kurseong
Poo . . .	N 72° W	..	..	..	75.3	+0.5	54.0	+0.3	83.8	45.5	..	..	3.7	1	+0.4	0.10	-0.13	0.10
Pishin	96.7(e)	+0.4	54.5(e)	-3.2	102.0	46.1	..	..	..	0	-0.1	0	-0.04	0
Extra India.																		
Chumbi	54.9	54.0	58.1	..	43.3	..	59.1	41.1	95	..	9.0*	14	-0.4	7.24	+1.18	1.73
Abadan . . .	N 9° W	..	103.6	71.8	112.3	..	81.2	..	121.0	71.5	22	..	..	0	..	0	..	0

(m) Mean of 21 days.

(e) Mean of 29 days.

* Mean of 24 days.

TABLE C.—JULY 1922.

Abstract of 8 hrs. observations.

STATION.	WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Assam.																		
Bishnath	8-17	80-0	92-4	+2-6	66-6	-6-2	96-1	64-1	93	-2	..	22	+2-2	20-49	+0-62	2-30
Borjuli	8-18	78-7	96-4	+6-1	76-7	+1-1	98-0	74-6	87	-6	..	16	-4-4	9-49	-11-02	1-55
Chandkhira	78-1	75-3	91-7	+2-4	69-7	-5-8	100-0	61-0	88	-3	..	25	+2-0	15-41	-3-53	2-72
Doom Dooma	79-7	79-3	90-8	+1-9	76-7	+1-7	99-7	74-2	98	+4	..	20	-1-2	18-01	-1-50	2-20
Dikom	80-1	77-8	90-3	+1-3	73-4	-2-7	100-2	74-6	90	-2	..	24	+2-1	17-25	-3-62	2-30
Golaghat	80-3	79-3	89-7	+1-1	74-0	..	95-3	72-4	95	+4	..	18	-0-7	10-14	-3-43	1-71
Hailakandi	81-1	78-9	90-9	+1-1	77-4	+1-3	96-0	75-2	90	0	..	25	+2-0	12-82	-9-46	1-35
Jorehat	81-5	80-0	90-0	+0-1	77-5	+0-9	95-9	72-3	94	+5	..	17	-1-4	11-71	-3-84	1-97
Lumding	81-8	77-8	92-8	..	77-1	..	95-1	75-5	84	..	..	11	+0-1	7-56	-0-34	1-92
Messa	85-1	79-6	93-4	+0-6	76-6	+0-9	98-8	72-8	77	-8	..	20	-0-5	20-39	+2-00	3-57
Pancrihat	78-8	76-8	89-1	+0-4	71-1	-4-1	94-1	69-3	91	-4	..	14	-3-5	8-88	-3	1-76
Bengal.																		
Brahmanbaria	81-0	75-9	89-0	+0-7	72-4	-4-6	91-6	70-9	78	-10	..	15	-2-7	7-35	-4-97	1-95
Goalundo	83-8	80-9	88-6	+0-3	78-4	+1-1	91-5	75-6	87	0	..	12	-3-8	8-56	-2-57	1-56
Pabna	83-4	80-5	90-0	-1-7	77-1	+1-4	99-5	73-4	88	+1	..	15	-2-0	11-17	-1-78	2-65
Dam Dim	78-6	77-8	89-7	-1-6	74-9	0	97-2	73-0	96	+1	..	25	+0-5	30-06	-9-76	4-58
Kalchini	81-2	78-3	88-8	-0-2	74-9	-0-2	96-1	73-0	87	0	..	21	-1-1	46-17	+10-55	8-36
Nagrakata	81-7	77-9	88-5	0	75-6	+0-6	93-7	72-0	85	-5	..	20	-5-2	19-19	-20-40	2-35
North-West Frontier Province.																		
Bannu	90-2	76-5	104-4	..	82-1	..	113-0	75-0	53	..	..	..	..	..	..	..
Jandula	91-3	75-3	101-9	..	82-8	..	111-3	69-6	48	..	..	4	..	2-49	..	0-88
Central Provinces.																		
Chhindwara . . .	N 85° W	1-5	75-7	72-5	83-5	..	72-7	..	88-7	70-1	85	..	8-4	15	+1-0	8-19	-2-36	3-95
Madras.																		
Anantapur	79-4	72-0	92-6	..	74-6	..	98-3	71-1	69	..	9-3	2	-3-4	0-35	-2-28	0-20
Guntur	83-0	76-6	93-7	..	78-2	..	101-0	73-5	74	..	1-4	10	-0-3	6-35	+0-68	1-54
Koraput	71-0	69-5	76-7	..	68-7	..	83-7	66-8	93	..	..	25	..	26-67	..	5-50
Kashmir.																		
Jammu . . .	N 42° E	..	83-7	76-4	96-0	..	79-3	..	105-6	71-3	72	..	5-1	13	+2-3	12-96	+0-71	4-56
Kargil . . .	N 84° W	..	71-1	55-1	86-7	..	51-0	..	97-7	42-6	36	..	4-8	0	-0-6	0	-0-16	0
Hill stations, exclusive of Kashmir.																		
Panighatta
Kurseong
Poo . . .	N 87° W	..	..	..	81-1	+3-8	60-5	+2-6	91-6	50-1	..	..	5-8	0	-2-1	0-07	-0-58	0-05
Pishin	97-9	-0-3	60-3	-3-0	103-0	50-9	..	..	0-6	0	-0-5	0	-0-11	0
Extra India.																		
Chumbi	57-1	56-3	62-8	..	46-1	..	68-8	41-2	95	..	4-4	18	+0-5	5-35	-0-30	0-63
Abadan . . .	N 24° W	..	101-0	74-1	112-8	..	84-7	..	120-5	78-5	29	..	..	0	..	0	..	0

TABLE C.—AUGUST 1922.

Abstract of 8 hrs. observations.

STATION.	WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Highest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Assam.																		
Bishuath	80.7	78.8	91.0	+2.5	66.6	-7.5	95.1	64.9	91	-3	..	20	+6.5	21.31	+1.05	3.35
Borjuli	80.8	78.3	95.7	+5.5	76.0	+0.6	97.4	74.0	89	-2	..	22	+4.4	16.09	+1.48	3.97
Chandkhira	77.2	72.6	91.8	+2.2	69.9	-5.5	100.3	61.0	81	-10	..	18	-3.2	9.31	-3.80	1.60
Doom Dooma	78.9	78.2	90.9	+1.4	76.3	+1.2	97.5	74.2	97	+3	..	17	-1.1	15.88	-1.88	2.44
Dikom	79.3	77.4	89.9	+1.3	73.5	-2.4	97.0	74.8	91	-2	..	25	+4.0	20.62	+1.35	2.70
Golaghat	78.9	78.1	88.1	+0.1	73.1	..	93.9	71.2	96	+5	..	15	-1.4	12.24	-0.11	2.47
Hailakandi	79.9	77.8	88.8	-0.3	77.0	+1.1	94.8	74.6	90	-1	..	25	+2.2	14.57	-2.12	1.40
Jorehat	79.8	78.5	89.5	+0.3	76.1	-0.2	93.9	72.3	94	+4	..	19	+0.5	14.30	-1.19	2.95
Lumding	80.3	77.7	91.6	..	76.7	..	97.1	74.6	89	..	..	19	+8.4	19.11	+11.70	3.21
Messa	83.5	78.3	92.6	-0.4	75.1	-0.4	96.1	71.2	78	-9	..	18	-1.1	11.59	-5.99	1.70
Panerihat	78.6	76.9	88.6	+0.3	70.0	-3.8	93.6	68.8	93	-2	..	9	-5.3	10.01	-1.24	4.00
Bengal.																		
Brahmanbaria	81.1	75.4	87.9	-0.2	72.7	-4.6	90.8	69.9	75	-12	..	16	-1.3	16.48	+3.88	5.14
Goalundo	83.3	80.3	87.1	-0.6	75.2	-2.6	91.5	75.4	87	+1	..	13	-3.0	8.99	-1.99	3.50
Pabna	82.7	79.9	88.8	-3.2	76.4	+0.5	92.2	74.2	88	+1	..	15	-0.3	9.59	+0.85	3.26
Dam Dim	78.0	77.1	89.8	-1.3	74.9	+0.3	94.6	73.2	96	+1	..	26	+3.6	25.04	-7.14	4.05
Kalchini	81.2	78.5	88.4	-0.3	75.4	+0.7	93.1	73.0	87	0	..	23	+1.4	21.95	-11.89	3.52
Nagrakata	81.7	78.1	87.7	-0.7	75.3	+0.7	91.7	74.0	85	-4	..	27	+4.4	20.17	-12.82	2.31
North-West Frontier Province.																		
Bannu	87.0	77.7	100.2	..	80.9	..	105.8	70.0	65	..	..	..	..	..	..	..
Jandula	88.6	76.3	98.4	..	80.7	..	103.7	69.9	58	..	..	5	..	1.34	..	0.66
Central Provinces.																		
Chhindwara . . .	S 85° W	1.5	74.5	70.7	82.8	..	71.1	..	88.8	68.2	83	..	7.7	9	-3.6	2.77	-7.40	1.19
Madras.																		
Anantapur	79.0	73.1	94.6	..	74.4	..	98.3	71.1	71	..	8.3	2	-3.0	0.53	-2.65	0.16
Guntur	83.5	76.5	95.0	..	79.4	..	99.8	72.5	72	..	1.0	7	-2.8	3.12	-2.45	1.16
Koraput	71.1	69.5	78.2	..	68.4	..	85.2	65.8	93	..	..	21	..	15.84	..	2.00
Kashmir.																		
Jammu . . .	N 25° E	..	84.3	77.7	93.6	..	80.5	..	99.5	71.5	74	..	6.3	4	-7.0	3.74	-7.61	1.62
Kargil . . .	N 59° W	..	72.4	57.0	90.0	..	53.4	..	97.9	45.0	38	..	1.8	0	-0.7	0	-0.15	0
Hill stations, exclusive of Kashmir.																		
Panighatta	79.5	76.6	86.6	-0.6	74.2	+0.4	92.5	71.7	88	0	..	24	+0.9	23.68	-7.53	3.75
Kurseong	67.1	66.2	72.3	-0.7	62.0	-1.8	77.2	58.4	95	+2	..	27	+0.8	38.77	+2.19	4.30
Poo . . .	N 78° W	..	..	..	81.9	+4.3	60.5	+2.5	87.6	55.4	..	..	5.1	0	-1.5	0.11	-0.50	0.04
Pishin	94.4	-2.0	54.5	-5.2	97.2	49.1	..	..	0.5	0	-0.2	0	-0.13	0
Extra India.																		
Chumbi	53.5	52.5	61.9	..	43.0	..	64.2	40.6	94	..	2.6	15	-3.3	4.56	-1.33	0.65
Abadan . . .	N	..	99.1	74.4	113.0	..	83.6	..	117.0	79.0	33	..	..	0	..	0	..	0

TABLE C.—SEPTEMBER 1922.

Abstract of 8 hrs. observations.

STATION.	WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Assam.																		
Bishnath	82.9	81.0	93.6	+3.9	65.1	-8.2	97.1	61.1	92	-3	..	9	-6.3	6.40	-4.44	1.90
Borjuli	81.3	77.8	96.1	+5.9	75.0	-0.1	97.4	70.6	85	-6	..	13	-0.5	8.56	-1.89	1.87
Chandkhira	78.0	73.9	92.7	+2.4	66.8	-8.2	99.9	60.8	83	-7	..	17	+0.7	12.44	-2.77	1.94
Doom Dooma	78.3	77.1	91.8	+2.2	75.0	+0.7	97.3	71.2	95	+3	..	10	-5.2	7.71	-3.06	2.86
Dikom	78.9	76.8	90.4	+1.4	75.1	-0.1	96.2	70.6	90	-1	..	11	-4.2	5.41	-6.00	1.09
Golaghat	77.8	76.9	88.2	+0.7	71.4	..	94.9	69.2	95	+4	..	9	-3.5	6.06	-1.43	1.21
Hailakandi	79.8	77.7	90.7	+0.6	76.1	+0.3	95.0	72.6	90	-1	..	16	+0.9	17.54	+5.67	4.00
Jorhat	80.8	77.9	88.7	-0.8	74.4	-1.6	95.1	66.3	88	-2	..	10	-3.5	9.47	-0.41	2.75
Lunding	79.4	76.8	89.5	..	75.5	..	93.1	71.0	89	..	..	14	+4.2	15.97	+9.60	3.39
Messa	85.0	78.1	93.1	-0.3	74.2	-0.5	97.7	69.0	72	-14	..	10	-3.5	8.66	-0.38	1.97
Panerihat	76.6	75.3	90.1	+1.3	67.3	-6.4	95.8	60.6	93	-2	..	10	-1.9	6.15	-2.85	1.85
Bengal.																		
Brahmanbaria	81.7	76.1	90.4	+1.0	73.5	-4.2	92.6	70.3	76	-10	..	16	+3.3	11.21	+1.83	2.33
Goalundo	83.0	79.6	87.4	-1.9	77.4	-0.2	93.3	73.0	86	+2	..	13	+1.7	12.97	+4.89	4.05
Pabna	82.5	79.0	88.9	-4.9	75.5	-0.8	93.4	71.2	85	+1	..	14	+3.2	22.58	+14.77	8.95
Dam Dim	76.6	75.5	89.8	-2.0	72.9	-0.9	95.3	67.1	95	+1	..	12	-6.0	12.41	-9.62	3.00
Kalchini	80.1	76.8	89.0	-0.5	73.6	-0.2	94.6	69.0	85	-1	..	14	-1.5	9.34	-10.18	1.95
Nagrakata	82.0	76.9	89.0	-1.1	73.1	-0.7	93.7	70.0	79	-7	..	13	-4.9	17.35	-4.81	3.90
North-West Frontier Province.																		
Bannu	79.8	73.0	93.6	..	74.3	..	103.8	67.0	72	..	..	..	..	..	..	..
Jandula	81.1	70.0	88.9	..	79.2	..	102.2	69.2	58	..	..	..	..	1.73	..	1.60
Central Provinces.																		
Chhindwara . . .	N 45° W	0.8	75.1	70.8	84.4	..	70.1	..	88.9	64.9	81	..	5.7	9	-0.3	10.74	+3.48	6.90
Madras.																		
Anantapur	79.6	74.3	95.1	..	74.1	..	98.3	71.1	78	..	6.7	2	-6.8	0.38	-7.91	0.17
Guntur	82.3	77.3	92.4	..	76.8	..	98.3	73.1	79	..	0.9	3	-7.5	1.87	-4.03	0.68
Koraput	71.2	69.7	78.7	..	67.6	..	82.2	62.8	94	..	..	18	..	26.24	..	5.60
Kashmir.																		
Janmu . . .	N 18° E	..	79.3	73.4	89.1	..	74.4	..	96.9	67.3	75	..	..	9	+5.8	9.19	+6.76	3.50
Kargil . . .	N 67° W	..	64.8	51.8	82.1	..	45.7	..	94.7	32.0	41	..	1.7	0	-0.6	0.01	-0.14	0.01
Hill stations, exclusive of Kashmir.																		
Panighatta *	78.2	74.5	86.7	-1.2	72.9	0	93.5	67.6	84	+1	..	16	-2.3	14.29	-7.22	4.00
Kusacong	63.3	62.4	67.3	-6.4	58.0	-6.2	71.8	57.7	95	+6	..	22	+2.7	18.47	-2.16	2.75
Poo . . .	N 58° W	..	..	..	77.3	+3.6	55.5	+3.6	83.8	42.9	..	..	5.3	2	+0.4	0.32	-0.24	0.14
Pishin	89.0	+0.3	48.3	+0.9	97.6	35.5	..	..	..	0	0	0	0	0
Extra India.																		
Ciumbi	52.0	50.0	61.0	..	46.6	..	68.2	40.4	88	..	4.8	14	+4.0	3.12	+0.18	0.45
Abadan . . .	N 7° W	..	90.7	73.5	104.1	..	74.7	..	111.5	66.5	46	..	..	0	..	0.08	..	0.06

* Mean of 25 days.

TABLE C.—OCTOBER 1922.

Abstract of 8 hrs. observations.

STATION.	WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Assam.																		
Bishnath	74.4	72.6	89.5	+2.2	56.6	-9.0	94.5	49.1	91	0	..	6	-1.8	4.70	-0.93	1.00
Borjuli	77.4	71.2	94.4	+6.0	66.7	-2.4	98.2	59.6	73	-12	..	7	-0.5	4.74	+0.09	1.40
Chandkhira	71.8	70.7	89.7	+2.5	59.0	-10.9	100.0	50.7	95	+3	..	6	-2.2	5.30	-1.43	2.43
Doom Dooma	70.1	69.3	86.1	+2.6	66.4	-1.1	95.1	61.6	96	+3	..	8	+0.7	4.30	-0.34	1.25
Dikom	71.6	68.8	86.2	+0.2	66.1	-1.5	94.2	60.2	86	-2	..	8	-0.2	4.78	-0.80	1.02
Golaghat	71.4	70.6	84.6	+0.7	64.5	..	89.9	59.2	95	+5	..	5	-1.7	1.15	-2.25	0.40
Hailakandi	75.5	73.7	87.4	-0.6	72.0	+0.7	93.8	66.6	92	-1	..	8	-0.2	4.93	-3.22	1.11
Jorehat	74.5	71.3	85.8	-0.9	69.1	-0.9	92.7	65.3	85	-5	..	6	-0.7	2.89	-1.71	1.00
Lumding	72.6	71.3	85.2	..	68.5	..	89.1	64.0	94	..	..	5	-1.1	3.16	-1.59	0.86
Messa	79.2	72.5	90.9	-0.1	66.9	-0.5	96.3	61.8	71	-10	..	6	-1.2	3.41	-1.63	1.58
Panerihat	68.4	66.4	87.9	+1.3	58.8	-7.7	93.6	50.3	90	-3	..	7	+0.7	2.59	-1.49	0.70
Bengal.																		
Brahmanbaria	80.4	76.1	89.8	+1.9	73.3	-0.2	91.8	71.1	81	-4	..	6	-1.2	4.93	-1.76	1.47
Goalundo	80.2	75.6	87.1	-1.7	71.3	-1.2	92.1	62.6	80	0	..	5	-1.1	2.33	-2.51	0.72
Pabna	79.4	75.0	88.9	-3.4	71.5	+0.1	93.8	65.6	81	+2	..	5	+0.2	4.71	+0.29	2.84
Dam Dim	67.9(g)	64.5	87.0	-3.7	62.0(g)	-2.6	92.3	54.1	95(g)	+5	..	5	-1.0	3.23	-1.90	2.06
Kalchini	74.6	70.3	88.2	-0.1	64.4	-1.9	93.6	57.5	79	-2	..	3	-3.7	4.19	-1.96	2.94
Nagrakata	79.6	71.2	87.0	-1.5	64.3	-3.1	90.7	58.0	65	-15	..	3	-4.9	2.22	-5.30	1.29
North-West Frontier Province.																		
Bannu	66.1	59.4	86.5	..	59.1	..	93.8	55.0	66	..	..	0	..	0	..	0
Jandula	69.4	62.2	84.5	..	65.0	..	93.1	61.4	68	..	..	1	..	0.13	..	0.13
Central Provinces.																		
Chhindwara . . .	N 45° E	0.5	73.2	63.4	87.7	..	61.1	..	89.8	55.8	57	..	1.7	1	-1.4	0.28	-1.16	0.28
Madras.																		
Anantapur	78.3	71.8	90.7	..	72.4	..	97.3	65.1	73	..	6.3	6	+1.0	4.11	+1.16	1.27
Guntur	79.4	75.0	91.4	..	73.4	..	98.0	67.9	81	..	1.7	7	0	2.09	-2.86	0.36
Koraput	69.2	65.4	81.1	..	61.2	..	84.7	51.8	82	..	..	4	..	4.17	..	1.50
Kashmir.																		
Jammu . . .	N 16° E	..	70.8	59.8	85.6	..	64.7	..	91.2	61.1	51	..	0.9	0	-2.0	0.04	-0.65	0.04
Kargil . . .	N 59° W	..	47.1	37.7(e)	65.1	..	28.0	..	72.3	22.0	36(e)	..	1.5	0	-0.1	0	-0.07	0
Hill stations, exclusive of Kashmir.																		
Panighatta	74.0(h)	66.0(i)	85.5(h)	-0.9	63.7(h)	-3.7	90.5	58.1	65(i)	-3	..	1	-5.8	2.50	-4.70	2.50
Kurseong	63.1	62.2	67.7	-3.1	57.3	-2.2	69.4	55.6	95	+16	..	3	-3.8	0.42	-6.54	0.15
Poo . . .	N 63° W	..	..	..	65.6	0	40.1	-1.5	71.9	35.2	..	..	0.5	0	-0.7	0	-0.34	0
Pishin!	76.5	-0.5	33.7	-3.6	83.6	23.0	..	..	0.6	0	-0.5	0	-0.21	0
Extra India.																		
Chumbi	49.7	48.6	60.8	..	42.3	..	62.3	39.5	93	..	2.5	0	-3.5	0	-1.65	0
Abadan . . .	N 18° W	..	86.5	68.3	96.1	..	68.4	..	102.5	61.0	41	..	..	0	..	0	..	0

(g) Mean of 26 days.

(e) Mean of 27 days.

(h) Mean of 24 days.

(i) Mean of 23 days.

TABLE C.—NOVEMBER 1922.

Abstract of 8 hrs. observations.

STATION.	WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Assam.																		
Bishnath	64.7	62.9	82.9	+1.3	44.5	-9.8	88.1	36.9	90	+1	..	0	-1.5	0	-0.55	0
Borjuli	71.4	66.0	93.4	+9.5	56.7	-1.6	96.2	47.6	73	-8	..	0	-1.8	0	-0.84	0
Chandkhira	65.8	64.4	87.7	+3.5	53.2	-6.6	100.4	40.8	94	-1	..	0	-1.1	0.0	-1.02	0.04
Doom Dooma	60.9	59.8	82.8	+4.7	56.3	0	87.3	48.0	93	0	..	0	-1.3	0.09	-0.56	0.03
Dikom	63.5	60.3	82.6	+1.5	55.7	-0.1	87.8	46.0	82	-7	..	2	+0.6	0.39	-0.26	0.21
Golaghat	63.6	62.7	80.9	+3.0	54.7	..	85.9	45.2	94	+3	..	1	-0.3	0.21	-0.40	0.15
Hailakandi	68.7	67.4	85.7	+0.7	64.8	+3.1	90.6	56.4	94	+1	..	3	+1.5	0.98	-0.06	0.70
Jorehat	66.7	64.4	81.0	-0.5	55.6(a)	-4.1	85.9	54.3	89	-5	..	1	-0.5	0.85	+0.21	0.85
Lumding	65.4	64.3	81.6	..	59.7	..	90.1	51.0	94	..	..	0	-1.5	0.02	-1.22	0.02
Messa	72.6	66.2	86.8	-0.6	57.4	+1.4	91.3	50.1	70	-10	..	1	0	0.36	+0.01	0.32
Panerihat	58.7	56.8	82.9	+1.1	63.8(b)	+7.2	87.1	49.0	87	-6	..	0	-1.2	0	-0.47	0
Bengal.																		
Brahmanbaria	75.8	71.7	85.8	+0.6	66.8	+3.3	91.6	56.1	81	+1	..	0	-1.0	0	-0.74	0
Goalundo	71.4	66.8	83.5	-1.3	62.2	+0.4	88.5	52.4	77	-2	..	0	-0.5	0.05	-0.66	0.05
Pabna	70.3	65.9	85.1	-3.0	62.7	+0.9	89.2	56.4	79	+1	..	1	+0.2	0.81	+0.20	0.81
Dam Dim	58.6	57.5	82.4	-4.7	52.7	-0.8	86.6	43.0	93	0	..	1	-0.2	0.33	-0.61	0.22
Kalchini	67.7	63.9	83.9	-0.1	56.0	-0.3	89.1	47.5	80	+5	..	1	-0.8	0.52	-0.28	0.52
Nagrakata	73.8	65.0	83.8	-0.6	58.1	-1.2	92.7	54.0	60	-13	..	1	-0.9	0.24	-0.83	0.24
North-West Frontier Province.																		
Bannu	50.2	46.8	77.2	..	46.6	..	86.8	40.0	77	..	..	..	..	..	..	..
Jandula	57.7	45.3	76.3	..	57.1(d)	..	82.7	52.6	34	..	..	0	..	0	..	0
Central Provinces.																		
Chhindwara . . .	N 20° E	0.5	65.1	58.8	76.8	..	57.7	..	87.9	48.2	68	..	3.2	4	+2.1	2.98	+1.66	1.26
Madras.																		
Anantapur	74.5	70.8	85.2	..	69.7	..	91.1	58.1	83	..	6.3	8	+4.2	5.92	+3.73	1.90
Guntur	75.1	72.1	85.0	..	71.0	..	92.3	59.8	86	..	3.1	10	+6.5	7.30	+5.02	2.12
Koraput	64.3	61.5	77.3	..	59.3	..	83.2	45.3	86	..	..	8	..	3.86	..	1.34
Kashmir.																		
Jammu . . .	N 28° E	..	60.3	50.8	78.8	..	55.9	..	85.5	51.3	49	..	0.6	0	-1.2	0	-0.45	0
Kargil . . .	E	..	34.5	?	55.9	..	16.5	..	65.3	10.0	?	..	1.4	0	-0.4	0	-0.11	0
Hill stations, exclusive of Kashmir.																		
Panighatta (c)	67.9	59.5	82.3	0	61.3	+0.6	89.0	58.6	59	-2	..	0	-1.5	0.04	-0.67	0.04
Kurseong	61.0	60.2	65.2	-0.7	54.8	+1.5	66.9	53.2	95	+17	..	1	-0.3	0.13	-0.80	0.11
Poo . . .	N 45° W	..	..	..	60.1	+2.0	33.8	-0.7	68.1	28.9	..	..	0.5	0	-0.8	0.03	-0.25	0.03
Pishin	68.4	-0.5	22.5	-9.1	83.1	16.0	..	..	0.3	0	-0.9	0	-0.29	0
Extra India.																		
Chumbi	40.5	39.6	52.5	..	29.8	..	59.0	24.1	93	..	3.4	1	+0.5	0.12	-0.03	0.12
Abadan . . .	S 19° W	..	78.2	65.2	85.3	..	55.5	..	92.0	47.0	63	..	..	0	..	0	..	0

(a) Mean of 29 days.
(b) Mean of 25 days.(c) Mean of 28 days.
(d) Mean of 27 days.

TABLE C.—DECEMBER 1922.

Abstract of 8 hrs. observations.

STATION.	WIND.		TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Resultant direction.	Mean velocity, miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during month.	Lowest temperature observed during month.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Assam.																		
Bishnath	52.3	50.5	70.9	+2.0	35.8	-8.4	80.3	32.1	92	0	..	2	+0.5	0.75	+0.28	0.50
Borjuli	63.1	61.0	90.8	+12.8	48.1	+3.1	94.2	40.6	73	-13	..	2	+1.3	1.36	+1.13	0.76
Chandkhira	55.2	53.9	82.1	+1.8	42.8	-7.5	90.2	30.3	93	-3	..	0	-1.0	0	-0.46	0
Doom Dooma	50.5	49.8	75.7	+6.9	47.0	-0.5	83.1	40.2	96	+1	..	3	+1.3	0.62	+0.09	0.25
Dikom	53.0	51.2	75.6	+0.7	46.6	+0.7	85.0	39.2	88	-5	..	1	-0.5	0.46	-0.11	0.25
Golaghat	55.7	54.7	73.5	+2.4	45.4	..	78.9	37.2	93	+2	..	1	-0.2	0.42	-0.12	0.30
Hailakandi	57.8	57.2	80.4	+0.8	54.2(b)	+1.6	85.4	45.6	96	+4	..	0	-1.4	0.09	-0.43	0.09
Jorehat
Lumding	54.2	53.6	74.8	..	50.0	..	79.6	42.0	97	..	..	0	..	0.08	..	0.05
Messa	62.2	57.2	79.8	-1.7	48.3	+2.8	84.8	40.3	72	-6	..	2	+0.5	0.72	+0.18	0.58
Panerihat	50.6	49.2	77.0	+1.7	46.3(a)	-1.8	82.1	36.3	90	-2	..	0	-1.5	0.14	-0.29	0.09
Bengal.																		
Brahmanbaria	59.0	55.4	70.3	-9.7	49.6	-4.5	77.6	44.9	78	-6	..	0	-1.0	0	-0.44	0
Goalundo	62.9	59.3	77.8	+0.2	53.0	+1.5	84.3	46.8	80	-3	..	0	-0.5	0	-0.33	0
Pabna	61.7	58.0	79.9	-1.0	53.1	0	84.9	47.2	79	-1	..	0	-0.6	0	-0.27	0
Dam Dim	38.4	37.3	76.9	-7.7	44.5	+1.1	80.6	36.8	92	-3	..	3	+2.4	0.70	+0.55	0.50
Kalchini	59.7	56.1	78.0	+0.1	48.0	+0.8	85.1	39.5	78	+5	..	1	+0.2	0.21	-0.17	0.21
Nagrakata	65.1	57.9	74.6	-3.5	51.3	-0.9	82.7	44.0	63	-10	..	3	+2.0	0.65	+0.28	0.87
North-West Frontier Province.																		
Bannu	42.0	40.3	69.0	..	38.8	..	71.2	35.0	86	..	..	..	..	..	..	..
Jandula	48.9	42.2	63.7	..	..	..	74.1	..	57	..	..	2	..	0.24	..	0.14
Central Provinces.																		
Chhindwara . . .	N 21° E	0.4	54.5	50.0	76.8	..	47.7	..	82.6	39.5	72	..	0.5	0	-1.4	0	-0.62	0
Madras.																		
Anantapur	68.1	62.4	84.9	..	59.7	..	87.9	52.9	72	..	1.6	0	-0.2	0.04	-0.23	0.04
Guntur	68.4	64.0	85.3	..	62.0	..	88.3	56.5	78	..	..	0	0	0	0	0
Koraput	54.5	51.3	74.7	..	45.5	..	78.2	36.8	81	..	..	0	..	0	..	0
Kashmir.																		
Jammu . . .	N 29° E	..	52.1	48.3	67.2	..	49.4	..	80.2	42.5	75	..	4.2	4	+1.7	1.98	+1.31	1.52
Kargil . . .	N 86 E	..	27.0	..	40.8	..	9.7	..	53.3	0.4	..	..	4.8	1	-1.0	0.18	-0.61	0.10
Hill stations, exclusive of Kashmir.																		
Panighatta (a)	63.3	56.6	75.1	-1.5	55.0	+0.8	83.0	49.9	65	+6	..	1	-0.1	0.46	-0.01	0.46
Kurseong	55.0	54.1	57.3	-3.2	48.5	+0.9	64.2	45.0	94	+21	..	1	-0.3	0.16	-0.40	0.11
Poo . . .	E	..	..	..	46.5	+0.1	26.5	-0.2	59.8	19.5	..	..	4.5	3	+0.6	0.58	-0.19	0.20
Pishin	59.1	+2.1	19.8	-7.3	70.3	8.4	..	..	1.8	3	+0.1	1.64	+0.39	1.11
Extra India.																		
Chumbi	31.3	..	45.6	..	18.7	..	48.0	15.6	..	..	4.5	3	+2.4	7.94	+7.88	4.02
Abadan . . .	N	..	58.4	53.5	66.6	..	45.4	..	82.0	33.0	75	..	..	2	..	0.62	..	0.35

(a) Mean of 26 days.

(b) Mean of 30 days.

ANNUAL TABLE C. FOR 1922.

Abstract of 8 hrs. observations.

STATION.	WIND.	TEMPERATURE.								HUMIDITY.		Mean cloud amount at 8 hrs.	RAINFALL.				
	Mean velocity, in miles per hour.	Mean of 8 hrs. dry bulb.	Mean of 8 hrs. wet bulb.	Mean maximum.	Departure from normal.	Mean minimum.	Departure from normal.	Highest temperature observed during year.	Lowest temperature observed during year.	Mean humidity at 8 hrs.	Departure from normal.		Number of rainy days.	Departure from normal.	Rainfall of year.	Departure from normal.	Heaviest rainfall during year.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Assam.																	
Bishnath	70.5	68.7	86.2	+2.8	54.1	-7.1	97.1	31.9	90	-3	..	119	-1.5	97.07	+2.95	3.35
Borjuli	73.8	70.2	93.0	+8.1	64.5	+1.1	98.2	40.6	82	-5	..	103	-10.5	72.25	-13.73	3.97
Chandkhira	69.6	66.4	89.0	+2.7	57.3	-7.2	100.4	30.8	86	-5	..	113	-18.6	78.66	-31.50	4.57
Doom Dooma	67.9	66.7	84.3	+4.6	64.1	+1.5	99.7	40.2	93	0	..	122	-8.9	94.42	-5.57	7.80
Dikom	68.9	66.5	84.2	+2.0	63.4	+0.2	100.2	39.2	87	-4	..	127	-8.4	88.40	-16.18	2.80
Golaghat	69.4	68.3	83.1	+1.5	61.6	..	95.3	37.2	94	+4	..	96	-17.2	52.10	-16.95	2.47
Hailakandi	71.8	69.5	87.5	+1.6	67.4	+1.5	97.4	45.4	89	-2	..	126	-9.6	87.69	-36.65	4.00
Jorehat(a)	72.0	69.5	84.6	+1.6	67.4	+2.3	95.9	43.7	88	-2	..	106	-14.4	75.80	-7.76	2.95
Lumding	70.9	68.0	87.2	..	65.4	..	103.1	42.0	87	..	..	78	-1.7	59.54	+8.50	3.39
Messa	76.8	69.9	88.8	+0.6	64.4	+1.9	99.9	40.3	70	-11	..	98	-17.3	68.35	-13.92	3.57
Pancrihat	66.9	65.2	84.7	+1.6	60.3	-2.2	95.8	36.3	91	0	..	75	-28.0	70.67	-10.87	6.70
Bengal.																	
Brahmanbaria	76.3	69.3	89.0	+2.6	64.3	-3.7	100.8	44.9	69	-15	..	84	-18.9	62.21	-24.58	5.14
Goalundo	76.2	71.9	88.0	+1.2	67.3	+0.3	108.5	44.0	80	-2	..	72	-17.3	58.09	-7.95	4.21
Pabna	75.5	71.4	89.2	-0.7	67.9	+1.5	106.9	46.6	81	0	..	79	-4.5	70.10	+10.40	8.95
Dam Dim	66.8	64.9	86.5	-1.4	62.6	+1.3	100.7	36.8	91	-1	..	115	-7.8	115.04	-38.04	4.58
Kalchini	72.7	68.7	85.6	+0.9	63.6	+0.9	96.6	39.5	80	-1	..	108	-11.5	137.47	-9.20	8.36
Nagrakata	76.3	69.4	84.3	-0.4	65.1	+0.3	94.1	44.0	70	-10	..	112	-20.3	101.85	-54.96	3.90
North-West Frontier Province.																	
Bannu	68.2	60.1	86.3	..	61.1	..	117.2	34.6	64	..	..	..	..	..	..	..
Jandula	70.7	58.6	83.5	..	70.2	..	114.3	39.1	50	..	..	29	..	10.56	..	1.60
Central Provinces.																	
Chhindwara	1.0	72.1	63.3	87.2	..	64.7	..	108.4	39.5	63	..	3.8	54	-5.3	36.34	-4.37	6.90
Madras.																	
Anantapur	77.8	71.5	93.5	..	71.3	..	108.0	52.9	73	..	4.7	29	-9.1	19.54	-4.52	3.25
Guntur	79.6	73.8	94.2	..	74.0	..	112.7	56.5	76	..	1.6(b)	49	-5.4	25.80	-7.40	2.12
Koraput	69.2	63.9	83.4	..	62.9	..	102.2	36.8	77	..	..	102	..	87.07	..	5.60
Kashmir.																	
Jammu	71.8	61.4	85.1	..	66.5	..	111.7	42.5	57	..	3.8	45	-9.5	34.54	-8.06	4.56
Kargil	44.2	..	60.5	..	26.2	..	97.9	-20.4	..	..	3.6	21	-0.9	12.18	+3.25	3.00
Hill stations, exclusive of Kashmir.																	
Panighatta*	71.2	64.1	83.8	+0.3	65.7	+0.7	97.5	49.9	67	-4	..	61	-16.0	58.00	-81.57	4.00
Kurseong*	59.0	58.1	64.7	-3.3	52.0	-4.7	77.3	36.1	94	+14	..	77	-8.9	75.00	-86.92	4.76
Poo	62.3	+1.5	41.1	+0.5	91.6	12.9	..	..	3.9	35	+1.7	12.21	-1.89	1.13
Pishin	76.2	-0.3	38.2	-4.0	103.0	8.4	..	..	1.3(a)	19	-1.2	6.80	-2.03	1.11
Extra India.																	
Chumbi (a)	41.5	..	53.8	..	33.9	..	68.8	15.6	..	..	4.1	69	-16.2	29.59	-4.70	4.02
Atadan	80.6	64.5	91.1	..	65.6	..	121.0	33.0	49	..	..	7	..	2.07	..	0.46

(a) Mean of 11 months.
(b) Mean of 7 months.(c) Mean of 9 months.
(*) Mean of 10 months.

**Table D.—Abstract of observations taken at 8 hrs. at 32 fifth
class stations, in the year 1922.**

TABLE

Abstract of 8 hrs. observations

STATION.	JANUARY.					FEBRUARY.					MARCH.				
	Number of rainy days.	Departure from normal.	Rainfall month.	Departure from normal.	Heaviest rainfall during month.	Number of rainy days.	Departure from normal.	Rainfall month.	Departure from normal.	Heaviest rainfall during month.	Number of rainy days.	Departure from normal.	Rainfall month.	Departure from normal.	Heaviest rainfall during month.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
BENGAL—															
Comilla	0	—0.9	0.04	—0.28	0	0	—2.0	0.04	—1.09	0.04	1	—2.7	0.22	—2.72	0.22
Faridpur	0	—1.0	0	—0.49	0	0	—2.2	0	—1.28	0	1	—2.0	0.35	—1.72	0.33
Sirajganj	0	—0.7	0.04	—0.31	0.04	1	—0.7	0.10	—0.72	0.10	0	—2.1	0.02	—1.28	0.02
Rampur Boalia	1	+0.1	0.22	—0.13	0.22	1	—0.6	0.34	—0.27	0.34	0	—2.0	0	—1.21	0
Malda	0	—1.0	0.04	—0.55	0.03	1	—0.8	0.34	—0.58	0.28	0	—1.4	0	—0.76	0
Rangpur	1	+0.1	0.34	—0.04	0.29	1	—0.3	0.08	—0.56	0.08	0	—2.0	0.01	—1.25	0.01
Cooch Behar	3	+2.5	1.16	+0.95	0.65	0	—1.9	0.02	—0.91	0.02	1	—2.0	0.16	—2.10	0.12
Krishnagar	0	—1.0	0.05	—0.44	0.05	0	—1.7	0.01	—1.27	0.01	1	—1.4	0.14	—1.52	0.13
Bankura	1	—0.1	0.22	—0.21	0.13	1	—1.0	0.76	—0.36	0.74	0	—2.3	0	—1.21	0
BIHAR AND ORISSA—															
Hazratibagh	2	+0.5	0.64	—0.05	0.34	0	—2.3	0.07	—1.11	0.07	0	—2.1	0	—1.05	0
Bhagalpur	1	—0.1	0.21	—0.31	0.10	1	—0.7	0.35	—0.41	0.30	0	—1.4	0	—0.58	0
Muzaffarpur	3	+1.8	0.68	+0.11	0.37	1	—0.6	0.24	—0.30	0.24	0	—1.2	0	—0.51	0
Motihari	3	+1.8	0.75	+0.23	0.31	0	—1.3	0.09	—0.48	0.09	0	—1.0	0	—0.56	0
Chapra	2	+0.7	0.75	+0.15	0.33	1	—0.6	0.25	—0.36	0.20	0	—1.1	0	—0.38	0
Arrah	3	+1.8	1.01	+0.36	0.50	1	—0.5	0.79	+0.03	0.72	0	—1.2	0	—0.51	0
Dehri	3	+1.7	1.08	+0.40	0.50	0	—1.8	0.02	—0.80	0.02	0	—1.2	0	—0.51	0
UNITED PROVINCES—															
Meerut	6	+3.6	2.38	+1.12	1.32	2	+0.2	0.56	—0.37	0.26	0	—1.6	0	—0.64	0
Dehra Dun	8	+4.2	4.25	+1.90	1.10	3	—0.7	1.69	—0.80	1.06	0	—2.6	0.04	—1.22	0.04
PUNJAB—															
Khanpur	1	..	0.12	..	0.12	0	..	0.03	..	0.03	0	..	0	..	0
RAJPUTANA—															
Udaipur	0	—0.3	0.08	—0.05	0.08	0	—0.5	0	—0.16	0	0	—0.4	0	—0.12	0
HYDERABAD—															
Parbhani	4	+3.7	2.01	+1.92	0.83	0	—0.4	0	—0.12	0	0	—0.4	0	—0.29	0
MADRAS—															
Tinnevely	4	+2.0	1.45	+0.32	0.70	4	+2.5	1.63	+0.71	0.70	1	—0.8	1.13	+0.28	1.13
BAY ISLANDS—															
Car Nicobar	9	+4.4	8.14	+3.71	2.65	3	+0.8	2.21	+0.93	1.31	..	..	0.51	—0.81	..
KASHMIR—															
Sonamarg	16	+4.1	5.71	—5.82	0.77	10	—0.1	7.55	—2.04	1.62	15	+0.6	13.83	—0.17	3.38
BALUCHISTAN—															
Harpal	1	—1.5	0.57	—0.58	0.45	2	—1.2	0.51	—1.05	0.32	2	—0.8	0.69	—0.81	0.53
HILL STATIONS EXCLUSIVE OF KASHMIR—															
Gnatong	5	+2.6	1.25	—0.47	0.40	3	—5.8	0.95	—3.18	0.35	4	—7.7	1.45	—5.70	0.50
Lachung	5	+3.3	1.02	+0.57	0.50	12	+6.0	3.93	+0.90	1.00	12	+2.0	4.41	—1.52	0.95
Dharampur	9	..	5.20	..	1.95	4	..	2.54	..	1.16	3	..	0.77	..	0.36
Mussoorie	9	+4.8	5.96	+3.15	1.25	5	+0.3	4.27	+1.02	2.79	1	—3.4	0.41	—1.88	0.34
Dalhousie	10	..	6.91	..	1.15	6	..	3.77	..	1.50	3	..	0.93	..	0.38
Kailang . . . . .	..	..	..	..	..	6	0	3.29	+0.50	1.35	6	—1.3	1.54	—2.43	0.34
Pemba	1	—3.9	0.24	—2.50	0.13	0	—3.4	0	—1.93	0	8	—0.3	6.45	+0.55	2.00

D.—1922.

at 32 fifth class stations.

APRIL.					MAY.					JUNE.					JULY.				
Number of rainy days.	Departure from normal.	Rainfall month.	Departure from normal.	Heaviest rainfall during month.	Number of rainy days.	Departure from normal.	Rainfall month.	Departure from normal.	Heaviest rainfall during month.	Number of rainy days.	Departure from normal.	Rainfall month.	Departure from normal.	Heaviest rainfall during month.	Number of rainy days.	Departure from normal.	Rainfall month.	Departure from normal.	Heaviest rainfall during month.
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
2	-5.3	0.83	-5.66	0.44	2	-10.2	1.21	-11.35	0.90	19	+1.4	24.78	+6.97	5.60	16	-2.6	12.27	-3.00	1.74
3	-3.0	2.55	-2.03	1.70	6	-5.2	3.47	-5.66	1.30	22	+6.9	24.60	+11.17	7.40	17	-0.5	9.85	-3.02	2.18
2	-3.0	0.69	-2.71	0.34	4	-6.7	3.36	-5.05	1.90	17	+2.4	14.02	+1.46	2.31	13	-2.6	6.37	-5.25	1.31
1	-1.8	0.33	-1.52	0.29	3	-4.7	3.33	-2.40	2.68	19	+6.2	14.81	+4.03	4.12	18	+2.9	15.25	+4.36	2.06
1	-1.1	0.29	-0.74	0.28	2	-3.9	1.09	-3.44	0.48	19	+7.7	20.82	+10.99	2.98	14	-0.5	11.54	+0.96	1.82
2	-2.5	0.90	-2.22	0.73	10	-2.3	6.12	-5.35	2.50	19	+3.5	25.71	+8.64	3.99	15	+0.2	7.94	-6.62	1.25
5	-2.3	4.98	-0.19	3.10	10	-4.7	9.05	-7.17	1.90	21	+3.1	38.87	+7.72	7.73	19	+0.1	30.47	+1.31	3.95
1	-2.9	0.20	-2.10	0.15	5	-3.3	2.61	-4.53	0.79	20	+7.2	23.28	+12.60	5.12	10	-6.3	7.10	-4.17	1.60
1	-1.9	0.24	-1.09	0.10	4	-2.0	2.23	-2.23	1.20	14	+2.4	35.75	+25.08	11.51	16	+0.4	8.36	-4.54	1.63
2	+0.5	1.31	+0.80	0.70	2	-1.9	0.33	-1.88	0.19	16	+5.2	10.49	+1.60	2.37	17	-0.6	12.92	+0.14	2.20
1	-0.6	0.63	-0.13	0.63	1	-3.2	0.25	-2.99	0.25	13	+2.9	16.24	+7.88	2.93	16	+1.1	10.76	-1.47	1.72
1	-0.1	0.20	-0.29	0.15	0	-3.6	0	-2.50	0	12	+3.9	16.48	+8.24	6.55	16	+1.7	16.48	+4.09	3.71
1	-0.2	0.12	-0.70	0.12	0	-4.2	0	-2.87	0	16	+6.4	15.39	+6.30	4.31	15	+0.9	17.90	+3.16	2.67
1	+0.3	0.30	-0.04	0.30	1	-0.9	0.17	-1.36	0.13	12	+4.7	6.61	+0.33	0.95	18	+4.2	16.20	+4.81	1.91
1	+0.4	0.60	+0.31	0.56	0	-2.1	0	-1.48	0	12	+4.5	10.19	+3.69	2.20	17	+3.0	14.40	+2.18	3.01
1	+0.4	0.43	+0.19	0.39	0	-1.3	0	-0.77	0	13	+5.8	9.24	+3.23	2.84	18	+4.4	25.81	+15.39	3.79
0	-0.8	0	-0.32	0	0	-1.5	0	-0.59	0	4	+0.2	2.19	-0.94	1.20	8	-1.9	7.14	-2.02	1.80
1	-0.7	0.12	-0.59	0.10	1	-2.4	0.29	-1.13	0.28	10	+0.6	4.69	-3.95	1.17	23	+2.9	32.36	+6.84	4.29
1	..	0.15	..	0.15	1	..	0.51	..	0.51	0	..	0	..	0	2	..	0.50	..	0.37
0	-0.3	0	-0.18	0	1	-0.6	0.36	-0.37	0.23	5	+0.8	2.79	-0.23	1.12	13	+3.1	7.30	-0.43	1.20
2	+1.2	0.41	+0.06	0.26	0	-1.1	0	-0.50	0	10	+1.9	5.80	-0.25	1.99	10	-1.0	5.62	-1.70	3.00
5	+1.1	3.84	+1.31	1.33	2	-0.6	1.05	-0.37	0.83	0	-1.4	0	-0.62	0	1	+0.4	0.25	-0.16	0.25
..	..	12.24	+8.89	..	..	..	14.52	+1.44	..	..	..	9.11	-3.85	..	..	..	11.53	+2.48	..
13	-0.1	11.07	+0.93	3.02	10	+1.2	7.94	+2.88	2.87	8	0	3.35	+0.59	0.88	4	-5.5	1.90	-1.91	0.68
0	-1.5	0.11	-0.40	0.07	0	-0.5	0	-0.19	0	1	-0.7	0.37	-0.66	0.37	7	+2.7	3.60	+1.24	0.89
12	-7.3	5.30	-6.35	0.95	16	-8.2	11.70	-7.28	2.20	25	-0.2	21.72	-3.62	2.50	30	+0.3	31.70	-9.22	2.80
13	-1.0	5.61	-1.75	0.72	13	0	4.63	-1.21	1.00	22	+1.2	6.40	-2.63	1.00	28	+4.7	11.74	+1.41	1.00
3	..	0.57	..	0.26	1	..	0.16	..	0.16	6	..	4.94	..	2.47	22	..	13.12	..	2.12
1	-1.3	0.41	-0.74	0.11	2	-2.2	0.60	-1.71	0.50	14	+3.7	7.79	-1.59	2.77	26	+4.1	32.78	+3.53	8.11
6	..	1.43	..	0.51	1	..	0.20	..	0.20	11	..	5.02	..	1.48	21	..	23.86	..	3.32
11	+4.7	4.60	+1.35	1.13	..	..	..	..	..	4	+1.4	0.85	-0.23	0.31	4	-0.1	1.01	-0.83	0.21
10	-9.2	8.85	-14.08	4.00	21	+1.9	22.19	+4.93	3.57	9	+1.0	4.13	-0.75	1.76	6	-1.8	1.49	-2.11	0.22

TABLE

Abstract of 8 hrs. observations

STATION.	AUGUST.					SEPTEMBER.					OCTOBER.				
	Number of rainy days.	Departure from normal.	Rainfall month.	Departure from normal.	Heaviest rainfall during month.	Number of rainy days.	Departure from normal.	Rainfall month.	Departure from normal.	Heaviest rainfall during month.	Number of rainy days.	Departure from normal.	Rainfall month.	Departure from normal.	Heaviest rainfall during month.
1	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
BENGAL—															
Comilla	20	+2.1	13.16	—2.96	3.50	13	—0.1	6.11	—4.38	1.80	7	+0.7	12.55	+6.19	3.50
Faridpur	15	—2.2	13.75	+1.78	2.11	13	+1.1	11.80	+2.97	4.15	4	—1.2	5.03	+0.49	2.50
Sirajganj	15	—0.1	7.59	—3.52	1.80	11	—0.3	13.04	+3.59	3.53	4	—0.6	4.14	—0.45	2.50
Rampur Boalia	15	+0.5	7.12	—2.86	1.35	8	—4.0	11.40	+1.54	4.56	4	0	1.54	—1.56	0.75
Malda	12	—2.6	9.15	—1.76	2.05	13	+2.1	26.53	+16.98	7.27	4	+0.4	2.32	—1.37	0.91
Rangpur	14	—0.2	9.71	—3.95	1.95	14	+0.9	26.03	+12.06	7.29	4	0	1.21	—3.13	0.56
Cooch Behar	16	—2.6	29.14	+3.96	9.63	15	—0.3	15.25	—10.59	2.97	2	—2.9	2.02	—4.95	1.72
Krishnagar	19	+4.5	7.72	—2.26	1.35	12	+1.3	6.79	—1.30	2.22	5	+0.4	4.49	+0.46	2.21
Bankura	18	+2.3	23.47	+12.45	11.13	12	+0.4	8.07	—0.64	3.17	4	+0.1	2.66	+0.13	1.52
BIHAR AND ORISSA—															
Hazaribagh	15	—2.8	14.36	+1.52	4.95	14	+2.2	7.18	—1.92	2.61	2	—1.9	1.21	—1.48	0.95
Bhagalpur	20	+7.2	17.29	+5.98	4.72	10	+0.8	9.97	+0.04	2.30	1	—1.4	0.54	—1.50	0.54
Muzaffarpur	18	+4.1	15.67	+1.57	1.96	8	—0.7	12.71	+5.49	4.82	2	—0.5	0.44	—2.21	0.24
Motihari	17	+3.0	15.22	+0.99	2.88	6	—2.9	11.36	+2.13	5.09	2	—0.6	0.95	—1.60	0.58
Chupra	17	+3.6	10.13	—1.43	1.61	9	+0.5	7.96	+1.11	3.24	1	—1.5	0.13	—2.11	0.13
Arrah	17	+3.2	11.19	—0.72	1.90	12	+3.0	9.38	+1.72	3.63	0	—3.0	0	—2.48	0
Dehri	17	+2.6	13.06	—0.07	2.58	14	+5.2	9.15	+2.41	2.97	1	—1.6	0.28	—1.73	0.27
UNITED PROVINCES—															
Meerut	13	+3.3	13.68	+4.99	5.00	9	+4.0	7.57	+1.43	3.03	1	+0.5	2.92	+2.42	2.92
Dehra Dun	28	+6.4	35.80	+6.11	4.74	17	+6.6	20.26	+10.81	3.17	0	—1.3	0.03	—0.87	0.02
PUNJAB—															
Khanpur	1	..	1.02	..	1.02	1	..	0.37	..	0.37	0	..	0	..	0
RAJPUTANA—															
Udaipur	7	—1.3	3.55	—2.63	1.21	15	+9.8	15.92	+12.04	4.81	0	—0.7	0	—0.51	0
HYDERABAD—															
Parbhani	4	—6.0	2.10	—4.75	1.03	12	+2.6	13.44	+5.49	3.13	1	—2.2	1.53	—0.69	1.53
MADRAS—															
Tinnevely	0	—0.9	0	—0.51	0	0	—1.7	0	—1.24	0	12	+2.6	12.77	+5.34	2.23
BAY ISLANDS—															
Car Nicobar . . . . .	..	..	6.45	—4.07	..	..	..	20.80	+7.85	..	..	..	6.49	—4.57	..
KASHMIR—															
Sonamarg	9	0	1.64	—1.83	0.34	11	+3.9	4.96	+1.27	1.17	6	+1.1	1.77	—0.27	0.71
BALUCHISTAN—															
Harnai	2	—1.5	0.59	—1.65	0.49	3	+2.0	3.62	+3.11	1.88	0	—0.4	0	—0.12	0
HILL STATIONS EXCLUSIVE OF KASHMIR—															
Gnatong	30	+2.3	27.43	—4.02	2.60	15	—8.0	7.98	—6.56	1.20	3	—8.5	0.90	—4.91	0.50
Lachung	26	0	7.57	—3.64	0.60	23	+6.4	5.24	—0.38	0.49	6	—3.6	1.00	—2.97	0.19
Dharampur	20	..	20.69	..	3.65	10	..	7.83	..	2.18	0	..	0	..	0
Mussooree	29	+6.7	41.16	+9.87	5.20	19	+8.6	24.60	+14.45	2.92	0	—1.4	0	—0.90	0
Dalhousie	25	..	29.78	..	4.03	13	..	14.15	..	2.80	3	..	1.62	..	1.12
Kailang*	1	—2.7	0.39	—1.07	0.18	4	+1.1	1.14	—0.88	0.41	..	..	..	..	..
Pemba*	7	+2.6	2.94	+1.41	1.50	3	—0.1	1.17	—0.10	0.52	6	+1.7	1.83	—0.43	0.61

*Rainfall for 10 months.

D.—1922—concl'd.

at 32 ft/th class stations—concl'd.

NOVEMBER.					DECEMBER.					YEAR.				
Number of rainy days.	Departure from normal.	Rainfall month.	Departure from normal.	Heaviest rainfall during month.	Number of rainy days.	Departure from normal.	Rainfall month.	Departure from normal.	Heaviest rainfall during month.	Number of rainy days.	Departure from normal.	Rainfall year.	Departure from normal.	Heaviest rainfall during year.
52	53	54	55	56	57	58	59	60	61	62	63	64	65	66
1	-0.5	1.16	+0.04	1.16	0	-0.4	0	-0.26	0	81	-20.5	72.41	-18.46	5.60
1	-0.8	0.30	-0.90	0.80	0	-0.3	0	-0.14	0	82	-9.9	71.70	+1.17	7.40
0	-0.7	0.01	-0.58	0.01	0	-0.4	0.02	-0.10	0.02	67	-15.5	49.40	-14.87	3.53
0	-0.7	0	-0.49	0	0	-0.2	0.01	-0.06	0.01	70	-4.3	54.35	-0.57	4.56
0	-0.7	0.02	-0.36	0.02	0	-0.1	0	-0.06	0	66	-1.9	72.14	+19.31	7.27
1	+0.7	0.49	+0.20	0.48	0	-0.2	0	-0.05	0	81	-2.1	78.54	-2.21	7.29
0	-0.5	0.01	-0.28	0.01	0	-0.4	0.06	-0.07	0.06	92	-11.9	131.19	-12.32	9.63
1	-0.2	0.68	-0.39	0.68	0	-0.2	0.06	-0.05	0.06	74	-3.6	53.08	-4.88	5.12
1	-0.1	0.21	-0.43	0.17	1	+0.8	0.44	+0.35	0.42	73	-1.0	82.41	+27.30	11.51
2	+1.1	0.70	+0.28	0.47	0	-0.4	0.10	-0.13	0.08	72	-2.5	49.31	-3.28	4.95
0	-0.4	0	-0.31	0	0	-0.1	0.04	-0.06	0.04	64	+4.1	56.28	+7.04	4.72
0	-0.4	0	-0.27	0	3	+2.8	1.02	+0.95	0.50	64	+7.2	63.62	+14.37	6.55
0	-0.3	0	-0.23	0	1	+0.6	0.46	+0.30	0.41	61	+2.2	62.24	+6.67	5.09
0	-0.5	0	-0.30	0	3	+2.7	0.48	+0.35	0.20	65	+12.1	43.07	+0.77	3.24
0	-0.5	0.03	-0.29	0.03	1	+0.6	0.15	-0.02	0.10	64	+9.2	47.74	+2.79	3.63
1	+0.8	0.14	-0.39	0.14	1	+0.6	0.17	-0.08	0.16	69	+15.1	59.38	+17.37	3.79
0	-0.4	0	-0.16	0	4	+2.9	2.57	+2.13	0.90	47	+8.5	39.01	+7.05	5.00
0	-0.7	0	-0.42	0	2	+0.5	1.48	+0.67	0.69	93	+12.8	101.01	+17.35	4.74
0	..	0	..	0	0	..	0	..	0	..	..	2.70	..	1.02
0	-0.1	0	-0.04	0	1	+0.7	0.20	+0.10	0.20	42	+10.2	30.20	+7.42	4.81
7	+6.0	4.68	+4.15	1.48	0	-0.7	0	-0.30	0	50	+3.6	35.59	+3.02	3.18
12	+2.3	14.44	+7.25	3.67	3	-2.6	1.67	-2.59	1.05	44	+2.9	38.28	+9.67	3.67
..	..	25.48	+14.35	..	..	..	8.84	+1.28	..	..	..	126.27	+27.63	..
0	-2.6	0	-1.63	0	11	+3.7	7.83	+2.00	3.34	113	+6.3	67.55	-6.00	3.88
0	-0.7	0	-0.40	0	2	+0.4	0.49	-0.19	0.21	20	-3.7	10.55	-1.70	1.48
2	-1.4	0.40	-4.97	0.25	7	+4.3	2.80	+1.40	0.70	152	-37.6	113.58	-54.88	2.80
0	-3.6	0.06	-1.65	0.06	9	+7.5	2.78	+2.18	0.62	168	+21.9	54.39	-10.69	1.40
0	..	0	..	0	3	..	1.77	..	0.95	81	..	57.59	..	3.65
0	-0.7	0	-0.50	0	6	+4.2	2.84	+1.82	1.20	112	+23.4	120.82	+26.52	8.11
0	..	0	..	0	5	..	3.41	..	1.20	104	..	91.08	..	4.03
0	-1.0	0.03	-0.37	0.03	4	+1.5	1.19	+0.14	0.22	51	-8.9	16.99	-3.32	1.35
..	..	..	..	..	..	..	..	..	..	95	-8.9	66.93	-11.96	4.00

APPENDIX
Climatic Tables of Kodaikanal and Madras for 1922.

TABLE I.

Height of Barometer cistern above mean sea level 7688 feet.

Latitude—10° 13' 50" N

Longitude—5^h 9^m 52^s E

Mean Monthly and Annual Meteorological Results at the Kodaikanal Observatory in 1922.

	BAROMETER.		DRY BULB THERMOMETER.				WET BULB.		TENSION OF VAPOUR.	RELATIVE HUMIDITY.	Sun Max. in Vac.	Min. on Grass.	WIND.			RAIN.		Clear Sky.	Bright sunshine.	General Weather.
	Reduced to 32°.	Daily Range.	Mean.	Max.	Min.	Range	Mean.	Min.	By Tables.				Daily velocity.	Mean Direction.		Amount	Days.			
									Inches.	Cents.				Miles.	Points.						Points.	Inches.	No.
January	22.829	0.060	54.7	65.9	46.8	19.1	46.7	39.8	0.237	56	121.9	37.6	234	15	S by E	4.43	4	62	255.7	
February	.823	.060	54.4	64.8	46.7	18.1	47.7	41.5	.265	63	122.4	39.3	230	17	S by W	1.53	4	55	200.1	
March	.847	.055	59.2	71.9	49.8	22.1	48.1	41.6	.221	44	130.6	39.6	279	10	E S E	..	..	84	296.5	
April	.826	.058	60.7	71.3	52.8	18.5	52.9	45.8	.319	61	130.0	43.9	244	13	S E by S	2.08	8	56	226.7	
May	.797	.065	59.5	68.9	53.9	15.0	54.8	50.2	.381	76	125.6	47.9	239	13	S E by S	9.25	17	35	181.9	
June	.753	.050	57.8	65.7	52.8	12.9	54.0	49.7	.377	79	123.0	47.8	272	4	N E	4.28	11	29	153.9	
July	.753	.049	56.0	63.2	52.0	11.2	53.2	49.7	.375	84	115.2	48.9	402	24	W	2.89	8	11	85.9	
August	.756	.056	56.5	64.3	51.9	12.4	52.4	49.5	.376	82	121.6	48.0	296	26	W N-W	5.60	9	22	125.9	
September	.774	.067	56.3	64.0	51.9	12.1	53.9	49.9	.390	86	120.9	47.6	225	25	W by N	9.05	15	23	109.2	
October	.811	.073	55.7	63.6	50.8	12.8	53.7	49.4	.393	89	118.3	47.0	205	27	N W by W	18.85	19	15	92.3	
November	.798	.068	55.1	61.9	50.2	11.7	52.7	48.3	.379	86	109.7	45.3	230	23	W by S	14.65	17	25	106.6	
December	.824	.065	54.2	66.8	45.2	21.6	45.0	37.2	.197	47	119.9	33.5	227	3	N E by N	13.91	3	73	254.6	
Annual	22.799	0.060	56.7	66.0	50.4	15.6	51.3	46.0	0.326	71	121.6	43.9	257	20	S W	86.52	115	41	2089.3	

Extreme Monthly Meteorological Records at the ~~Madras~~ Observatory in 1922.

	BAROMETER.					DRY BULB THERMOMETER.				WET BULB.		HUMIDITY.		SUN TH. IN VACUO.		GRASS THERM.		WIND.				RAIN.	
	Highest.		Lowest.		Range.	Highest.		Lowest.		Lowest.		Lowest.		Highest.		Lowest.		Highest.		Lowest.		Greatest Fall.	
	Inches.	Day.	Inches.	Day.		Inches.	°	Day.	°	Day.	°	Day.	Cents.	Day.	°	Day.	°	Day.	Miles.	Day.	Miles.	Day.	Inches.	Day.
January	22.896	4, 9, 10	22.738	20	0.158	71.4	29	42.3	24	33.4	18	5	19	134.8	8	31.1	27	409	17	121	2	1.90	3
February	.896	3	.743	9	.153	71.1	20	41.7	8	32.7	27	10	23	138.3	10	29.5	8	405	23	63	9	0.61	5
March	.923	16	.792	5	.131	75.4	29	45.4	11, 13	34.8	13	13	13, 27	140.0	24	32.3	13	430	8	116	3	—	—
April	.913	8	.726	19	.187	76.0	24	48.2	12	40.2	4, 5	22	2	143.7	9	36.1	9	386	5	82	16	0.51	16
May	.922	6	.706	16	.216	75.2	6	50.2	10	45.1	3	30	5	141.9	6	41.0	4	390	16	94	30	1.80	12
June	.841	3	.689	20	.152	71.0	15	50.4	13	45.6	13	54	13	133.3	15	40.1	13	434	26	113	17	0.97	19
July	.848	3	.649	13	.199	68.4	31	48.4	22	44.0	7	51	6	132.4	25	45.6	31	598	5	219	11	0.83	17
August	.818	11	.677	19	.141	67.1	4	49.3	21	46.1	21	60	7	138.9	9	42.7	3	450	16	100	5	1.29	12
September	.870	25, 29	.696	16	.174	67.3	20	48.7	5	45.0	5	60	20	134.9	9	40.8	28	438	2	92	11	2.55	13
October	.908	10	.708	16	.200	68.9	10	47.1	17	39.1	17	43	17	139.0	22	40.3	17	543	29	83	19	2.06	31
November	.874	16	.700	30	.174	67.9	23	43.7	19	33.3	21	12	20	132.2	23	33.8	24	725	30	106	15	2.06	10
December	.900	23	.732	1	.177	73.3	21	36.8	30	31.6	30	11	8	131.6	28	24.1	15	627	1	88	6	12.10	1

TABLE II.
Kodaikanal mean hourly Wind Velocity for the year 1922.

Month.	Hours.																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
January . . .	11	11	11	11	10	11	12	10	10	12	10	9	9	9	8	7	6	7	8	9	10	10	11	12
February . . .	10	10	11	10	9	10	10	9	11	14	12	11	11	11	8	8	7	5	6	7	8	9	11	12
March . . .	13	13	14	13	13	13	13	14	16	19	15	15	12	11	9	9	7	7	6	7	7	8	12	13
April . . .	19	10	10	10	10	10	11	10	12	16	14	12	10	10	9	9	9	8	8	10	10	9	9	9
May . . .	11	11	11	10	11	10	11	10	9	9	10	10	10	10	9	10	10	9	8	9	10	10	11	10
June . . .	13	13	12	13	11	12	12	11	9	10	10	10	10	10	10	10	10	11	12	12	13	12	13	13
July . . .	19	18	18	18	17	18	17	18	16	17	15	14	14	14	14	15	16	17	17	18	17	19	18	18
August . . .	15	14	16	15	14	14	14	12	10	11	10	10	9	8	9	10	10	10	12	13	13	14	14	15
September . . .	11	12	11	12	11	11	10	10	7	8	8	8	8	7	8	7	8	8	10	10	9	10	10	11
October . . .	9	8	9	9	9	10	9	9	8	9	9	8	8	8	8	8	8	8	7	8	9	10	8	9
November . . .	10	11	11	11	11	10	9	8	8	8	8	9	10	10	10	8	8	9	10	10	10	10	10	11
December . . .	11	11	11	11	11	10	11	10	9	10	10	10	9	8	8	7	5	7	8	9	10	10	10	11
Mean . . .	12	12	12	12	11	12	12	11	10	12	11	11	10	10	9	9	9	9	9	10	11	11	11	12

TABLE III.
Kodaikanal mean hourly bright sunshine for the year 1922.

Month.	Hours.											
	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18
January . . .	0.18	0.72	0.78	0.81	0.87	0.88	0.88	0.80	0.79	0.77	0.72	0.05
February . . .	.29	.67	.70	.74	.82	.79	.76	.65	.59	.51	.42	.20
March . . .	.58	.96	.94	.98	.96	.96	.95	.79	.73	.75	.77	.19
April . . .	.40	.79	.84	.89	.88	.78	.66	.64	.64	.57	.42	.02
May . . .	.21	.59	.74	.75	.68	.62	.56	.59	.46	.36	.25	.05
June . . .	.15	.62	.67	.65	.62	.57	.47	.39	.40	.26	.25	.08
July . . .	.05	.25	.34	.37	.42	.32	.35	.28	.17	.12	.09	.02
August . . .	.13	.45	.62	.65	.58	.47	.44	.30	.15	.18	.08	..
September . . .	.16	.50	.61	.63	.54	.39	.34	.20	.09	.11	.06	0.02
October . . .	.03	.23	.39	.55	.56	.42	.23	.18	.22	.11	.04	.01
November . . .	.02	.41	.46	.46	.48	.36	.33	.30	.26	.28	.18	..
December . . .	.01	.79	.86	.90	.92	.90	.89	.87	.84	.75	.47	..
Mean . . .	0.18	0.58	0.66	0.70	0.69	0.62	0.57	0.50	0.45	0.40	0.31	0.05

TABLE IV.
Number of days in each month on which the Nilgiris were visible in 1922.

Month.	Very clear.	Visible.	Just visible.	Tops only visible.	TOTAL.
January . . .	..	15	1	2	18
February . . .	..	2	1	1	4
March . . .	..	..	..	..	..
April . . .	1	1	..	..	1
May . . .	2	5	..	..	7
June . . .	..	2	1	..	3
July . . .	..	1	..	..	1
August . . .	..	2	1	..	3
September . . .	1	3	2	2	8
October . . .	7	6	..	..	13
November . . .	5	2	..	1	8
December . . .	8	11	4	1	24
TOTAL . . .	23	50	10	7	90

TABLE V.

Madras Observatory.—Abnormals from monthly means for the year 1922.

Abnormals.	January.	February.	March.	April.	May.	June.	July.	August.	September	October.	November.	December.	Annual.
Reduced atmospheric pressure .	—0.019	—0.016	—0.020	—0.011	—0.002	—0.023	—0.016	—0.040	—0.039	+0.027	—0.044	+0.005	—0.017
Temperature of air	+0.5	—0.3	+1.0	+0.9	+0.5	+1.3	+1.1	+1.5	+2.0	—0.3	—0.6	—0.8	+1.7
Temperature of evaporation .	+1.5	—1.0	+0.5	+0.6	Normal	+0.7	+0.1	+0.6	+0.8	+0.3	—1.9	—1.3	+0.4
Percentage of humidity . . .	+4	—5	—2	—1	—1	—1	—2	—3	—3	+3	+6	—2	—1
Greatest Solar heat in <i>Vacuo</i> . .	+6.6	+9.1	+10.4	+9.9	+8.4	+5.6	Normal	+7.3	+14.8	+2.1	+0.8	+10.8	+7.1
Maximum in shade	—1.1	+0.2	+2.2	+0.9	+1.2	+2.6	+1.5	+2.5	+2.2	—1.8	—1.6	—0.8	+0.7
Minimum in shade	+0.9	—0.2	—0.2	+1.0	Normal	+0.6	+0.5	+0.7	+0.8	—0.4	+1.3	—3.0	+0.1
Minimum on grass	+2.1	—0.1	+0.2	+1.7	+0.8	+1.0	+0.7	+1.3	+1.7	+1.3	+3.1	—2.5	+1.0
Rainfall in inches	+2.53	—0.28	—0.39	—0.62	—0.94	—0.81	—0.65	—0.73	—2.82	+6.68	+19.92	—5.22	—
Rainfall since January 1st . .	+2.53	+2.25	+1.86	+1.24	+0.30	—0.51	—1.16	—1.89	—4.71	+1.97	+21.89	+16.67	+16.67
General direction of wind . .	1 pt. to E.	1 pt. to N.	Normal	1 pt. to E.	1 pt. to E.	Normal	2 pts. to W.	Normal	2 pts.	1 pt. to N.	1 pt. to E.	1 pt. to N.	Normal
Daily velocity in miles . . .	—35	—6	—12	—18	—39	—45	—24	—25	—20	+1	—26	—53	—25
Percentage of cloudy sky . . .	+2	+1	—18	—5	—2	—6	+6	—4	—14	+10	+14	—20	—3
Percentage of bright sunshine .	—10.0	—7.1	—3.3	—1.9	—0.3	+2.1	Normal	+0.7	+12.6	—13.9	—14.1	+12.2	+7.1

TABLE VI.

Madras Observatory.—Number of hours of wind from each point during the year 1922.

Month.	N.	1	2	3	4	5	6	7	E	9	10	11	12	13	14	15	S	17	18	19	20	21	22	23	W	25	26	27	28	29	30	31	Calm
Jan.	..	16	168	146	71	85	117	34	42	3	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	59
Feb.	..	3	164	53	81	1	25	23	27	26	31	51	41	1	80	6	3	1	1	..	1	..	..	..	..	..	..	..	..	..	..	..	53
March	..	..	..	..	..	2	4	38	62	42	43	55	80	208	117	9	30	10	2	1	2	2	1	..	..	..	..	..	..	..	..	..	36
April	..	..	..	..	..	13	7	56	8	1	35	46	148	220	97	10	30	17	4	1	2	2	..	..	..	..	..	..	..	..	..	..	23
May	..	..	1	1	2	..	4	6	5	18	51	119	49	114	106	42	49	9	20	8	14	13	28	21	11	9	18	7	4	..	1	1	13
June	13	..	2	..	1	..	10	2	10	10	44	21	5	5	54	31	29	47	63	24	40	48	177	23	21	5	11	9	3	2	2	..	8
July	197	1	1	2	2	1	6	2	6	6	15	1	5	2	36	15	4	12	107	69	16	35	120	37	17	7	8	2	4	..	..	..	8
August	64	1	2	3	7	..	14	32	10	35	18	12	11	5	43	22	6	11	68	37	36	42	69	33	28	37	35	22	10	15	6	..	10
Sept.	1	9	4	..	6	2	18	45	22	64	28	13	9	13	41	36	16	33	51	24	16	35	48	21	35	35	16	7	18	1	20	11	22
Oct.	62	159	67	16	5	1	27	16	15	2	2	4	12	70	28	9	4	7	6	11	2	8	2	..	10	6	1	..	27	12	78	29	46
Nov.	57	89	91	35	56	67	38	22	33	21	27	19	2	..	..	..	1	..	6	1	1	1	3	1	..	2	2	10	3	33	42	28	29
Dec.	162	263	126	6	37	19	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	78	49
Annual	556	541	626	262	268	191	274	276	240	228	297	341	362	638	602	180	172	147	328	176	130	186	448	136	122	101	91	57	69	63	149	147	356

TABLE VII.

Madras Observatory.—Number of miles of wind from each point during the year 1922.

Month.	N	1	2	3	4	5	6	7	E	9	10	11	12	13	14	15	S	17	18	19	20	21	22	23	W	25	26	27	28	29	30	31	TOTAL
Jan.	..	56	965	827	403	325	453	143	172	17	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3368
Feb.	..	29	1132	440	412	8	115	97	87	92	119	218	160	4	264	41	16	6	4	..	5	..	..	..	..	..	..	..	..	..	..	..	3249
March	..	..	..	..	..	7	35	130	305	158	191	206	431	1361	876	99	292	110	23	8	14	12	4	..	..	..	..	..	..	..	..	..	4352
April	..	..	..	..	..	57	58	251	62	5	185	207	896	1866	887	102	295	173	27	6	15	15	..	..	..	..	..	..	..	..	..	..	5197
May	..	..	10	9	19	..	22	46	48	149	346	710	359	1024	1103	279	328	74	148	36	108	74	264	186	125	91	157	68	32	..	7	11	5833
June	39	..	13	..	5	..	61	20	94	54	318	126	38	27	414	252	184	261	425	159	263	390	1538	228	176	40	63	30	24	10	8	..	5260
July	1536	10	11	16	15	10	43	10	37	30	120	12	50	15	241	93	33	70	569	378	136	241	963	403	166	57	93	18	20	..	..	..	5396
August	422	9	9	18	40	..	101	163	58	186	110	59	75	40	216	155	47	52	405	235	186	250	510	246	237	242	232	133	70	79	52	..	4827
Sept.	10	23	24	..	55	15	130	207	139	383	166	78	38	78	252	180	110	136	292	127	115	218	364	161	217	201	127	50	65	..	..	..	4057
Oct.	534	883	355	51	44	8	114	63	77	13	20	22	73	340	177	61	29	50	26	47	15	60	17	..	19	30	5	..	94	81	414	119	3402
Nov.	356	667	653	252	376	382	214	93	114	102	88	87	5	..	..	..	10	..	28	10	3	6	17	3	..	7	13	50	11	114	296	297	4178
Dec.	913	1717	787	38	110	68	11	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	374	4015
Annual	3810	3394	3959	1651	1479	880	1366	1223	1193	1189	1670	1905	2125	4755	4430	1262	1344	932	1947	1006	860	1266	3677	1227	940	668	690	329	316	330	857	727	53407

TABLE VIII.

Madras Observatory.—Number of inches of rain from each point during the year 1922.

Month.	N.	1	2	3	4	5	6	7	E	9	10	11	12	13	14	15	S	17	18	19	20	21	22	23	W	25	26	27	28	29	30	31	Calm.
Jan.	..	..	0.14	0.01	2.04	0.02	0.49	..	0.20	..	0.34	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0.18
Feb.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
March	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
April	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
May	..	..	..	..	..	..	..	0.02	..	0.02	..	..	0.58	..	0.25	..	..	..	..	0.08	0.15	..	0.02	0.06	..	..	..	..	..	..	..	..	..
June	..	..	..	..	0.03	..	..	..	..	..	0.07	..	0.05	..	..	0.13	0.04	..	0.07	0.05	0.04	0.10	0.07	0.14	0.24	0.17	0.10	..	..	..	..	..
July	1.18	..	..	..	..	..	..	..	..	..	0.16	..	..	..	0.04	0.02	0.02	0.07	0.75	0.19	0.07	0.15	0.49	..	0.08	..	..	..	..	..	..	..
August	0.55	..	..	..	..	..	0.01	0.67	0.11	0.05	0.06	0.04	0.08	0.04	0.01	0.14	0.08	..	0.36	0.19	0.01	0.11	0.60	0.07	0.10	..	0.20	0.10	0.02	0.06	0.03	..	0.05
Sept.	..	0.01	0.29	..	..	0.01	..	0.07	0.39	0.04	..	0.19	..	..	0.01	0.41	..	0.01	0.06	..	..	..	0.02	..	..	..	..	..	..	..	0.36	..	..
Oct.	3.03	4.75	1.47	0.70	..	..	0.06	0.17	0.06	..	..	..	0.08	..	..	..	..	..	..	..	..	0.03	0.08	..	..	0.01	..	..	1.70	0.43	4.57	0.42	0.12
Nov.	0.72	4.15	7.00	1.85	2.17	1.10	3.08	0.93	0.95	0.37	1.42	0.04	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5.54	3.79	0.01	0.01	
Dec.	..	..	0.05	..	0.01	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Annual	3.48	8.91	8.95	2.56	4.25	1.13	3.64	1.86	1.71	0.48	2.05	0.27	0.79	0.04	0.31	0.57	0.23	0.12	1.17	0.53	0.28	0.33	1.31	0.20	0.32	0.25	0.46	0.20	1.72	6.03	8.75	0.43	0.36

TABLE IX.

Madras Observatory.—Wind, Cloud and Bright Sunshine 1922.

Month.	WIND RESULTANTS.		CLOUDS (0—10).					BRIGHT SUNSHINE.	
	Velocity.	Direction.	8 hours.	10 hours.	16 hours.	20 hours.	Mean.	Average per day.	Greatest number of hours in a day.
January . . .	101	N E	4.4	5.2	3.9	2.2	3.9	6.6	9.4
February . . .	79	N N E	2.8	2.9	2.5	1.9	2.5	8.2	11.0
March . . .	124	S E by S	1.0	0.8	0.4	0.3	0.6	8.5	10.8
April . . .	160	S E by S	3.1	2.4	2.2	1.4	2.3	8.4	10.4
May . . .	124	S S E	4.3	3.9	3.5	2.6	3.6	6.5	9.3
June . . .	111	S W by S	5.8	5.0	6.4	5.9	5.8	5.4	8.5
July . . .	55	W S W	7.3	6.0	9.0	8.3	7.7	4.0	8.4
August . . .	52	S W by W	7.9	6.8	8.3	6.8	7.5	5.0	8.8
September . . .	39	S by W	4.5	4.2	5.9	4.5	4.5	6.8	10.8
October . . .	58	N N E	7.2	8.0	7.1	5.0	6.9	4.3	10.6
November . . .	107	N N E	7.6	7.8	7.7	6.1	7.3	3.9	8.8
December . . .	126	N by E	2.9	4.2	2.5	3.0	3.2	7.4	8.8
Annual . . .	27	E by S	4.9	4.8	5.0	4.0	4.7	6.3	..

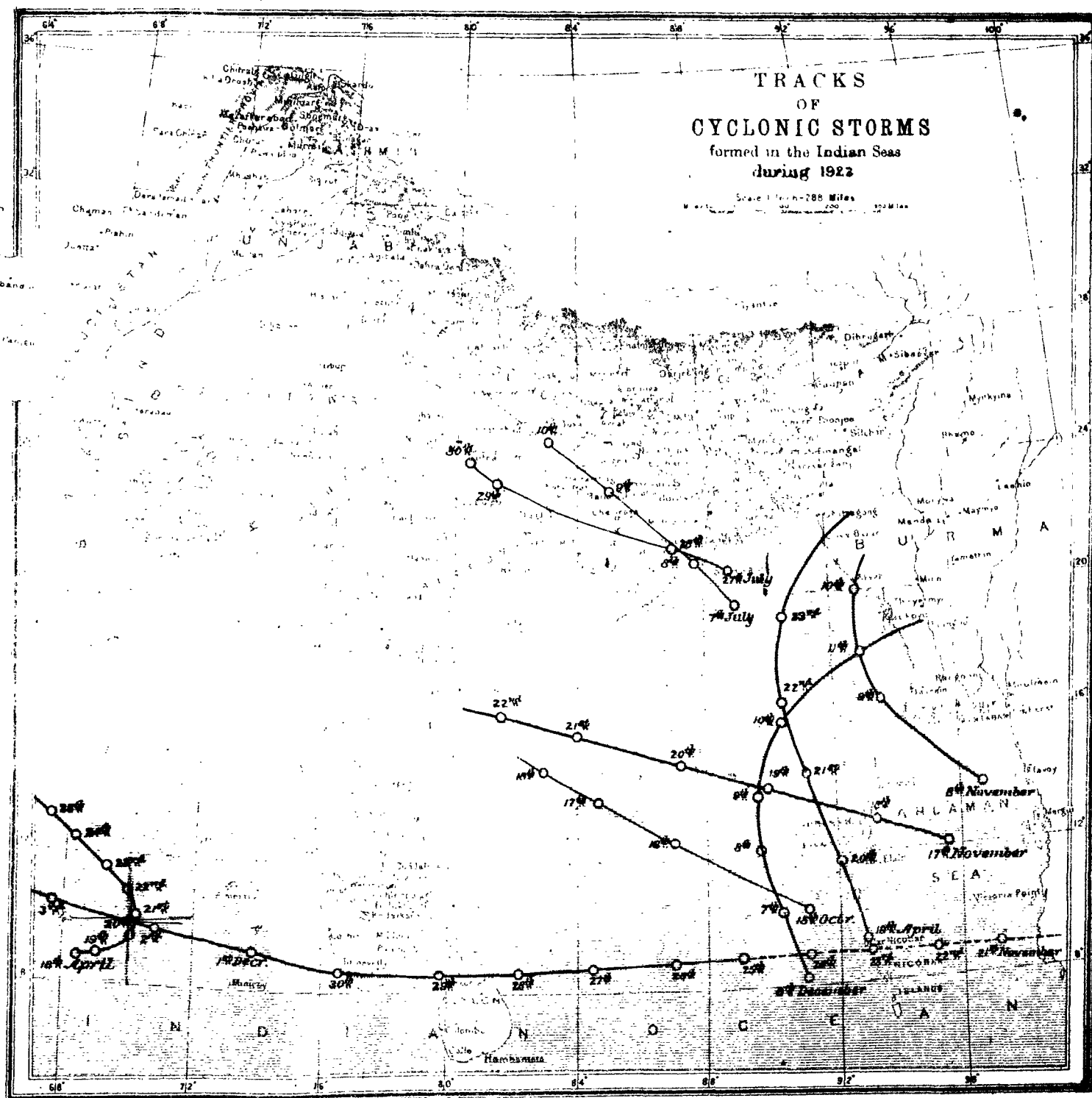
TABLE X.

Mean Monthly and Annual Meteorological Results at the Madras Observatory in 1922.

	BAROMETER.		DRY BULB THERMO-METER.				WET BULB.		TENSION OF VAPOUR.	RELATIVE HUMIDITY.	Sun Max. in vac.	Min on Grass.	WIND.			RAIN.		Cloudy Sky.	Bright Sunshine.	General Weather.
	Reduced to 32°.	Daily Range.	Mean.	Max.	Min.	Range.	Mean.	Min.	By Tables.				Daily Velocity.	Mean Direction.		Amount.	Days.			
									Inches.	Cents.				Miles.	Points			Points.	Inches.	No.	Cents.	Hours.
January	29.978	0.114	75.6	83.5	68.4	15.1	70.7	67.2	0.687	77	145.0	65.2	109	4	N E	3.42	7	39	205.2	..
February . . . . .	.949	0.124	77.0	86.8	67.8	19.0	69.8	65.6	0.630	68	148.8	63.7	116	7	E by N	..	..	25	230.4	..
March . . . . .	.885	0.135	81.0	91.4	71.9	19.4	74.4	70.4	0.762	72	150.9	68.8	140	12	S E	..	..	6	262.9	..
April . . . . .	.815	0.122	84.9	93.8	78.2	15.7	78.2	75.6	0.873	73	151.6	76.4	173	12	S E	..	..	22	251.6	..
May . . . . .	.733	0.124	87.2	99.0	80.8	18.2	78.3	75.3	0.847	66	151.4	79.7	188	14	S S E	1.18	4	36	201.3	..
June . . . . .	.680	0.131	87.7	100.9	80.9	19.9	77.3	73.4	0.794	61	146.1	79.6	175	19	S W by S	1.30	12	58	160.7	..
July . . . . .	.705	0.124	85.6	97.1	79.0	18.0	76.0	72.8	0.766	63	138.7	77.3	174	22	W S W	3.22	15	77	123.7	..
August . . . . .	.710	0.127	84.8	96.2	78.0	18.2	76.6	73.7	0.801	67	147.3	76.7	149	19	S W by S	3.83	21	71	153.6	..
September . . . . .	.740	0.126	85.0	95.4	77.9	17.5	77.1	73.9	0.823	69	156.1	76.7	136	16	S	1.87	13	48	196.5	..
October . . . . .	.868	0.120	80.3	87.2	74.8	12.4	75.9	73.3	0.635	81	141.2	74.1	124	6	E N E	17.68	16	69	132.0	..
November . . . . .	.880	0.114	78.1	83.4	73.6	9.8	74.8	72.5	0.821	85	138.2	72.6	139	3	N E by N	33.13	20	73	115.6	..
December . . . . .	.983	0.121	74.1	82.8	66.9	15.9	69.3	65.9	0.642	75	146.6	63.9	130	1	N by E	0.06	1	32	228.3	..
Annual	29.827	0.124	81.8	91.5	74.8	16.6	74.9	71.6	0.773	71	146.8	72.9	146	12	S E	65.69	109	46	2261.8	51.3 %

Extreme Monthly Meteorological Records at the Madras Observatory in 1922.

	BAROMETER.					DRY BULB THERMO-METER.				WET BULB.		HUMIDITY.		SEN TH. IN VAUO.		GRASS THERM.		WIND.				RAIN.	
	Highest.		Lowest		Range.	Highest.		Lowest.		Lowest.	Lowest.	Lowest.	Lowest.	Highest.		Lowest.		Highest.		Lowest.		Greatest Fall.	
	Inches.	Day.	Inches.	Day.		Inches.	°	Day.	°			°	Day.	°	Day.	°	Day.	Miles.	Day.	Miles.	Day.	Inches.	Day.
January	30.084	4	29.860	20	.224	87.3	30	63.7	30	62.8	30	53	4	152.1	16	59.7	31	229	6	58	18	1.18	9
February . . . . .	.076	2	.823	21	.253	94.1	26	61.2	27	57.1	27	18	27	158.8	11	56.3	18	202	12	52	16	..	..
March . . . . .	.065	11	.741	30	.324	97.4	15	65.7	1	64.2	1	19	16	156.5	15	61.9	1	216	29	81	11	..	..
April	29.984	7	.614	22	.370	106.2	22	72.5	8	71.3	8	39	30	160.6	12	60.3	8	298	28	88	13	..	..
May . . . . .	.863	19	.565	15	.298	109.8	4	74.3	31	72.2	31	28	27	161.6	6	73.4	31	255	3	110	11	0.85	31
June . . . . .	.810	3	.532	14	.278	106.7	14	74.5	1	70.3	9	27	10	156.3	23	72.2	9	221	26	97	1	0.27	29
July . . . . .	.865	3	.538	12	.327	104.1	6	74.4	19 & 20	70.3	6 & 7	20	6	151.3	31	72.5	25	281	6	92	20	0.91	24
August . . . . .	.807	12	.565	19	.242	100.8	1	73.1	12	70.3	12	31	20	157.5	20 & 22	71.2	12	231	5	82	25	1.02	29
September . . . . .	.895	29	.608	16	.287	98.9	20, 22 & 24	74.0	8	70.9	17	41	2	165.9	26	73.1	8	185	17	80	28	0.38	28
October	30.014	10	.678	2	.336	96.8	1	69.2	18	68.4	18	54	5	166.6	1	69.3	18	233	17	55	29	4.38	28
November . . . . .	.022	19	.750	3	.272	87.8	21	65.0	20	62.5	20	45	20	152.4	19	61.4	20	221	15	67	11	8.92	16
December . . . . .	.118	25 & 28	.860	1	.258	84.1	15	61.7	20	61.4	20	45	10	152.9	30	58.3	20	248	28	52	12	0.06	1



The track in the Arabian Sea of the storm of 25th November to 6th December which lies outside the boundaries of the map is defined by the following positions:-

	Lat. N	Long. E		Lat. N	Long. E		Lat. N	Long. E
1 st December	11½°	64°	5 th December	12°	59½°	6 th December	13°	54½°
-----	Depression.		—————	Slight or moderate storm.		—————	Severe storm.	

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